MONTHLY CATALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

NOVEMBER 1971

Entries 16181-17213

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narrow	width less than ⅗ of height
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MONTHLY CATALOG

OF UNITED STATES GOVERNMENT PUBLICATIONS

NOVEMBER 1971 Number 922

Entries 16181–17213

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1971

L.C. Card 4–18088

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PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing that, at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

Compilation of statutes relating to consumer and marketing service. (Agriculture Department, Agriculture handbook 407.) $1.50. ● A 1.76 : 407

Continental radar defense system, agreement between U.S. and Canada. (State Department, Treaties and other international acts series 7154.) 10c. ● S 9.10 : 7154

Controlling household pests. (Agriculture Department, Home and garden bulletin 96, revised.) 20c. ● A 1.77 : 96/4

Design manuals, cumulative index. (Naval Facilities Engineering Command, NAVFAC-DM-SO-50, revised 1971.) $2.75. ● D 209.14/2 : 50/2

Earned degrees conferred, 1969-70; institutional data. (Education Office, OE-54013-70-B.) $5.00. ● HE 5.254 : 54013-70-B

Electing union officers. (Labor Department, Technical assistance aid 5, revised.) 35c. ● L 1.48 : 5/4

Environmental control seminar proceedings, Rotterdam, Warsaw, Bucharest, May 25 to June 4, 1971. (International Commerce Bureau.) $2.25. ● C 42.2 : En 8

Extension home economics helps today's families build better lives. (Agriculture Department, Program aid 981.) 15c. ● A 1.68 : 981

Health insurance for the aged, 1966: sec. 1, Summary. (Social Security Administration.) 55c. ● HE 3.57 : 966/sec. 1

Here's help [film on treatment of drug addiction]. (National Institute of Mental Health.) 25c. ● HE 20.2402 : H 36

In search of balance, Canada's intergovernmental experience. (Advisory Commission on Intergovernmental Relations, M-68.) $1.25. ● Y 3.Ad 9/8 : 2 C 16

Job Corps residential training for disadvantaged youth. (Labor Department.) 20c. ● L 1.2 : J 57/9/971

Key nutrients; food for young families. (Agriculture Department, Program aid 691, revised.) 10c. ● A 1.68 : 691/2

List of Bureau of Mines publications and articles, 1970. (Mines Bureau.) $1.50. ● I 28.5 : 970

Market news service on cotton. (Agriculture Department, Marketing bulletin 41, revised.) 10c. ● A 1.95 : 41/2

Merchandise control. (Small Business Administration, Administrative management course program topic 21.) $2.00. ● SBA 1.24 : 21

Money-saving main dishes. (Agriculture Department, Home and garden bulletin 43, revised.) 30c. ● A 1.77 : 43/6

New late Mississippian ostracode genera and species from northern Alaska. (Geological Survey, Professional paper 711-A.) 70c. ● I 19.16 : 711-A

Nuts in family meals, guide for consumers. (Agriculture Department, Home and garden bulletin 176, revised.) 10c. ● A 1.77 : 176/2

Occurrence of larval, juvenile, and mature crabs in the vicinity of Beaufort Inlet, North Carolina. (National Oceanic and Atmospheric Administration, NOAA Technical report NMFS SSRF-637.) 25c. ● C 55.13 : NMFS SSRF-637

Office of Education copyright program information. (Education Office, OE-11031-A.) 10c. ● HE 5.211 : 11031-A

Quality of data as a factor in analyses of structure performance relationships. (Federal Trade Commission.) 55c. ● FT 1.2 : St 8

Reform of medical education; The role of research in medical education. (John E. Fogarty International Center for Advanced Study in the Health Sciences, Fogarty International Center proceedings 7.) $2.25. ● HE 20.3710 : 7

Renegotiation act of 1951 as amended through June 1971. (Renegotiation Board.) 20c. ● Rnb 1.5 : R 29/971

Sanitation guidelines for the control of Salmonella in the production of fish meal. (National Oceanic and Atmospheric Administration, NOAA Technical report NMFS CIRC-354.) 25c. ● C 55.13 : NMFS CIRC-354

Story of Hoover Dam. (Reclamation Bureau.) 50c. ● I 27.2 : H 76/6/971

Surface water supply of the U.S., 1960-65, part 16, Hawaii and other Pacific areas. (Geological Survey, Water supply paper 1937.) $3.00. ● I 19.13 : 1937

Survey of compounds which have been tested for carcinogenic activity, 1968-69 volume. (National Cancer Institute.) $7.00. ● HE 20.3152 : C 17/968-69

Symphony orchestras and schools, an analysis of youth concert activities. (Education Office, OE-33050.) 50c. ● HE 5.233 : 33050

Tertiary marine mollusks of Alaska, an annotated bibliography. (Geological Survey bulletin 1343.) 25c. ● I 19.3 : 1343

This is NASA. (National Aeronautics and Space Adminstration, NASA EP 22, revised.) 60c. ● NAS 1.19 : 22/3

United States civil aircraft register, July 1, 1971. (Federal Aviation Administration.) $10.25. ● TD 4.18/2 : 971-2

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Abbreviations

add	addition, addendum, addenda.
amdt., amdts	amendment, amendments.
app	appendix, appendixes.
bk., bks	book, books.
chap	chapter, chapters.
Cong	Congress.
Dept	Department.
doc	document.
facsim	facsimile, facsimiles.
fy	fiscal year.
G.H.A	Greenwich hour angle.
H	House.
H. Con. Res	House concurrent resolution.
H. doc	House document.
H. ex. doc	House executive document.
H. J. Res	House joint resolution.
H.R	House of Representatives, House bill.
H. Res	House resolution.
H. rp	House report.
il	illustration, illustrations.
in	inch, inches.
lat	latitude.
long	longitude.
m	mile.
n. d	no date.
n. p	no place.
no., nos	number, numbers.
p	page, pages.
p. of pl	pages of plates.
par., pars	paragraph, paragraphs.
pl	plate, plates.
por	portrait, portraits.
pt., pts	part, parts.
rp	report.
S	Senate, Senate bill.
S. Con. Res	Senate concurrent resolution.
S. doc	Senate document.
S. ex. doc	Senate executive document.
S. ex. rp	Senate executive report.
S. J. Res	Senate joint resolution.
S. Res	Senate resolution.
S. rp	Senate report.
sec	section, sections.
sess	session, sessions.
Stat. L	Statutes at large.
supp	supplement.
tab	table, tables.
Treas	Treasury.
v	volume, volumes.
vs., *v*	versus.

Common abbreviations for the names of States, months, etc., are also used.
An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

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More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of Congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress. Sales copies of a few of the more important ones are printed. The availability of those not for sale is indicated in the individual entries.

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New Classification Numbers

	Consumer and Marketing Service.
A 88.11/17-2: date	Summary of cotton fiber and processing test results, crop of [year].
	National Oceanic and Atmospheric Administration.
C 55.19: nos	NOAA photoessays (numbered).
	National Meteorological Center.
C 55.190: CT	National Meteorological Center publications.
	National Ocean Survey.
C 55.417/2: date	United States earthquakes (annual). NOTE.—See, for earlier class, C 4.25/2:(date).
	Engineers Corps (Army).
D 103.33/8: date	Cold Regions Research and Engineering Laboratory: CRREL in Alaska, annual report.
	Air Force Department.
D 301.77: Reserved	
D 301.78: date	Proceedings of Military History symposium (biennial). NOTE.—Issued by the Office of Air Force History.
	Environmental Protection Agency.
EP 1.3: v. nos. & nos	EPA bulletin (biweekly).
EP 1.13: date	Southwestern Radiological Health Laboratory: Monthly activities report.
EP 1.14: date	Western Environmental Research Laboratory: Monthly activities report.
	Air Programs Office.
EP 4.13: date	Air pollution training courses and university training programs (fiscal year). NOTE.—See, for earlier class, HE 20.1303/4:(date).
	Social Security Administration.
HE 3.3/a: CT	Social security bulletin, annual statistical supplement (separates).
	Health Services and Mental Health Administration.
HE 20.2012/2: CT	Bibliographies and lists of publications.
	Geographic Names Board.
I 33.8/2: CT	Gazetteer supplements.
	Administrative Office of U.S. Courts.
Ju 10.3/2: v. nos. & nos	Third branch, a bulletin of the Federal courts.
	Labor Statistics Bureau.
L 2.99: Reserved	
L 2.100: date	Prices, escalation, and economic stability (series).
	Occupational Safety and Health Administration.
L 35.11: nos	Safe work guide OSHA-(series). NOTE.—See, for earlier class, L 16.51/2:(nos.).
	National Science Foundation.
NS 1.32: date	World Data Center A, Oceanography: Oceanographic data exchange.
	Smithsonian Institution.
SI 1.34: nos	Archives and special collections of Smithsonian Institution (numbered).
	Congressional Operations Joint Committee.
Y 4.C 76/7: CT	Publications.
	Equal Educational Opportunity, Select Committee on, Senate.
Y 4.Eq 2: CT	Publications.
	Veterans Affairs Committee, Senate.
Y 4.V 64/4: CT	Publications.

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	Social Security Administration.
HE 3.3/a : CT	Social security bulletin, annual statistical supplement (separates).
	Health Services and Mental Health Administration.
HE 20.2012/2 : CT	Bibliographies and lists of publications.
	Geographic Names Board.
I 33.8/2 : CT	Gazetteer supplements.
	Administrative Office of U.S. Courts.
Ju 10.3/2 : v. nos. & nos	Third branch, a bulletin of the Federal courts.
	Labor Statistics Bureau.
L 2.99 : Reserved	
L 2.100 : date	Prices, escalation, and economic stability (series).
	Occupational Safety and Health Administration.
L 35.11 : nos	Safe work guide OSHA-(series). NOTE.—See, for earlier class, L 16.51/2 : (nos.).
	National Science Foundation.
NS 1.32 : date	World Data Center A, Oceanography: Oceanographic data exchange.
	Smithsonian Institution.
SI 1.34 : nos	Archives and special collections of Smithsonian Institution (numbered).
	Congressional Operations Joint Committee.
Y 4.C 76/7 : CT	Publications.
	Equal Educational Opportunity, Select Committee on, Senate.
Y 4.Eq 2 : CT	Publications.
	Veterans Affairs Committee, Senate.
Y 4.V 64/4 : CT	Publications.

Corrections for Previous Monthly Catalogs

Mar. 1970. Entry 3860, Chemical biological warfare, U.S. policies and international effects, hearings before Subcommittee on National Security Policy and Scientific Developments. Correct class to read Y 4.F 76/1 : W 23.

Nov. 1970. Entry 15674, List of U.S. air carriers, Sept. 1, 1970. Correct class to read C 31.254 : 970–2.

—— Entry 15898, Chemical biological warfare, U.S. policies and international effects, report of Subcommittee on National Security Policy and Scientific Developments. Correct class to read Y 4.F 76/1 : W 23/2.

Feb. 1971. Entry 2355A, Coastal Engineering Research Center: Miscellaneous paper 4–70. Correct class to read D103.42/2 : 4–70.

May 1971. Entry 8247, Systems for managing national foreign in East. Correct class to read A 13.2 : N 21/22.

June 1971. Entry 9806, change first line to read: 1685–24. Area wage survey: Youngstown-Warren, Ohio, metropolitan area, Nov. 1970. Change collation to read: iii+19 p. oblong 8°.

July 1971. Entry 10438, Spanish surnamed American college graduates, 1971–72, pt. 2. Correct class to read Y 3.Sp 2/7 : 2 Am 3/971–72/pt.2.

—— Entry 11223, Proposed streamflow data program for Louisiana. Correct class to read I 19.58 : L 93.

Aug. 1971. Entry 12601, Waterways Experiment Station: Miscellaneous paper S–69–11, Expedient surfacing and drainage of roads, streets, and parking and storage areas in theater of operations, report 2. Delete entire entry. Distribution limited to U.S. Government agencies only.

—— Entry 13190, Pesticides. Correct Item number to read 473–B–1.

Sept. 1971. Entry 13755, Consumer products information, index of selected Federal publications. Add, at end of title, [2nd edition.]. Correct class to read GS 11.9 : 971–2.

—— Entry 14200, Theodore Roosevelt National Memorial Park, N. Dak. Correct class to read I 29.21 : T 34/4/971.

—— Entry 14228, Technical reports. Correct class to read Y 3.Ob 7 : 10/nos.

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Monthly Catalog

NO. 922 ● NOVEMBER 1971

ADMINISTRATIVE OFFICE OF UNITED STATES COURTS
Washington, DC 20543

16181 Third branch, bulletin of the Federal courts. [Monthly. Published in cooperation with Federal Judicial Center.] † Federal Judicial Center, Dolley Madison House, 1520 H St., N.W., Washington, DC 20005 ● Item 728-B Ju 10.3/2:(v. nos. & nos.)
v. 3, no. 5— Mar. 1971—

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS
Washington, DC 20575

16182 New proposals for 1972, ACIR legislative program. Aug. 1971. v+98 p. 4° (M-67.) † ● Item 1049-D Y 3.Ad 9/8:2 L 52/972

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.
Washington, DC 20250

ARS (series). † A 77.15:(nos.)

16183 44-231. USDA-DHIA sire summary list, Ayrshire, Guernsey, Holstein, Jersey, Brown Swiss, Milking Shorthorn, and mixed breed sires, May 1971; [by F. N. Dickinson, B. T. McDaniel, and H. D. Norman]. July 1971. cover title, xxii+376 p. 4° [Text on p. 2 of cover.] ● Item 25-B

16184 44-232. USDA-DHIA cow performance index list, registered cows calving between Sept. 1968 and Apr. 1970; [by F. N. Dickinson, B. T. McDaniel, and H. D. Norman]. May 1970. cover title, xv+402 p. 4° [Text on p. 2 of cover.] ● Item 25-B

16185 51-46. Suggested conditions and procedures for using carbon dioxide to control insects in grain storage facilities; [by Edward G. Jay]. Sept. 1971. 6 p. 4° (Market Quality Research Division.)

16186 52-64. Method for measuring cost and performance of refrigeration systems in local delivery vehicles; [by Robert F. Guilfoy and Robert C. Mongelli]. June 1971. [2]+16 p. il. 4°

16187 Plant quarantine import requirements of Finland. Oct. 12, 1971. 4 p. (353-A; Agricultural Quarantine Inspection Division.) [Supersedes summary dated Mar. 1, 1963. Issued with perforations.] † A 77.329:F 496/971

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

16188 ASCS aerial photography status maps as of July 16, 1971. [1971.] cover title, [1]+68 p. il. 4° [Issued with perforations. Pages 1-68 are numbered on one side of the leaf only, the unnumbered sides bearing the illustrations.] † A 82.2:Ae 8/971

AGRICULTURE DEPARTMENT
Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

16189 Address by Under Secretary of Agriculture J. Phil Campbell before Twin Cities USDA Club annual awards luncheon, St. Paul, Minn., June 24, 1971. 1971. 10 p. 4° (6301; USDA 1933-71.) † A 1.40:C 15/12

Agriculture handbooks. ● Item 3 A 1.76:(nos.)

16190 309. Commercial rabbit raising [with list of literature cited; by R. B. Casady, P. B. Sawin and J. Van Dam]. [July 1966, slightly revised Oct. 1971.] [1971.] cover title, [1]+69 p. il. (Agricultural Research Service.) * Paper, 35c. (S/N 0100-1376)
L.C. card 75-614446

16191 396. Observations on stengelioid species of Vernonia [with list of literature cited]; by C. Earle Smith, jr. Sept. 1971. [4]+87 p. il. 4° (Agricultural Research Service.) * Paper, $1.00.
L.C. card 71-614496

Farmers' bulletins. ● Item 9 A 1.9:(nos.)

16192 2099. Control of caterpillars on commercial cabbage and other cole crops, in the South, cabbage, broccoli, cauliflower, collards, kale; [by W. J. Reid, jr. and F. P. Cuthbert, jr. [Revised Oct. 1971.] [1971.] 24 p. il. ([Entomology Research Division, Agricultural Research Service.]) * Paper, 20c. (S/N 0100-1439).

16193 2160. Growing blackberries; [by J. W. Hull and F. J. Lawrence]. [Revised Sept. 1971.] [1971.] [2]+18 p. il. * Paper, 15c.

16194 2211. Controlling dodder in alfalfa; [by J. H. Dawson, W. O. Lee, and F. L. Timmons]. [Revised Nov. 1969. slightly revised Sept. 1971.] [1971.] 16 p. il. ([Plant Science Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 2117, Dodder and its control.] * Paper, 10c. (S/N 0100-1443).

16195 2213. Plumbing for home and farmstead; by H. L. Garver and J. W. Rockey]. [Mar. 1966, slightly revised Oct. 1971.] [1971.] 20 p. il. ([Agricultural Engineering Research Service Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1426, Farm plumbing.] * Paper, 15c. (S/N 0100-1487).

Home and garden bulletins. ● Item 11 A 1.77:(nos.)

16196 53. Lawn insects, how to control them; [prepared by A. M. Vance and B. A. App]. [Revised Sept. 1971.] [1971.] 23 p. il. ([Entomology Research Division, Agricultural Research Service.]) * Paper, 20c.

16197 195. How to buy lamb; [by Sandra Brookover]. [Aug. 1971.] 15+[1] p. il. ([Livestock Division, Consumer and Marketing.]) * Paper, 15c. (S/N 0100-1457)

Leaflet.

16198 195. Mealworms; [prepared by Market Quality Research Division, Agricultural Research]. [Revised Sept. 1961. slgthly revised Sept. 1971.] [1971.] 6 p. il. narrow 8° * Paper, 5c. ● Item 12 A 1.35:195/4

Miscellaneous publications. ● Item 13-A A 1.38:(nos.)

16199 714. Students, start your career in SCS before you graduate. [Revised Sept. 1971.] [1971.] 8 p. il. narrow 8° (Soil Conservation Service.) †

16200 1146. Atlas of United States trees: v. 1, Conifers and important hardwoods [with list of literature cited]; by Elbert L. Little, jr. Mar. 1971. v+10+[310] p. il. 9 overlays in pocket, large 4° (Division of Timber Management Research, Forest Service.) [Illustrated lining paper on inside of front cover.] * Cloth, $16.75.
L.C. card 79-653298

16201 National Trails Symposium, speech by Under Secretary of Agriculture J. Phil Campbell at National Trails Symposium, Washington, D.C., June 3, 1971. 1971. 10 p. 4° (6151; USDA 1748-71.) † A 1.40:C 15/11

PA [Program aid] (series). ● Item 14-A A 1.68:(nos.)

16202 19. National school lunch program. Revised July 1971. [1971.] [10] p. il. narrow 8° †

16203 502. Camping, national forests, America's playgrounds. [Revised Oct. 1971.] [1971.] [2]+16 p. il. 4° (Forest Service). †

16204 550. Watch for cereal leaf beetle; [prepared by Plant Protection Division, Agricultural Research Service]. [Slightly revised, Sept. 1971.] [1971.] [4] p. il. [Illustrations are colored.] †

16205 631. Quantity recipes for type A school lunches; [prepared by Nutrition and Technical Services Staff, Food and Nutrition Services, Consumer and Food Economics Research Division, Agricultural Research Service and National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce]. [Revised Aug. 1971.] [1971.] [203] cards, each 5 x 8 in. [Includes title card, separator tab cards, with accompanying recipe cards. Supersedes PA-271, Recipes, type A school lunches.] * Paper, $8.00 per set.

16206 937. Food makes the difference! ideas for leaders working with economy-minded families. Sept. 1971. 4 p. 4° * Paper, 10c. (S/N 0100-1510).

16207 968. Watch for new citrus insects. [Aug. 1971.] [1971.] [3] p. il. 4° [Prepared by Plant Protection Division, Agricultural Research Service. Illustrations are colored.] * Paper, 20c.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16208 979. Help for environmental programs. [Sept. 1971.] [11] p. il. narrow 8° (Forest Service.) †

16209 980. National school lunch program, 25 years of progress. [1971.] [7] p. il. (Food and Nutrition Service.) †

16210 986. Accurate weights, guidelines for weighing livestock, helping industry understand the law. [Aug. 1971.] [16] p. il. narrow 8° †

16211 988. Rental housing units, rural credit program. [1971.] [8] p. il. narrow 8° (Farmers Home Administration.) [Supersedes PA-800, Rental & co-op housing in rural areas.] †

16212 Policies that favor growth in world trade, paper prepared by Assistant Secretary of Agriculture Clarence D. Palmby at 1971 Congress of International Association of Seed Crushers, Copenhagen, Denmark, June 25, 1971. 1971. 10 p. 4° (6344; USDA 1981-71.) † A 1.40 : P 18/5

16213 Remarks by Secretary of Agriculture Clifford M. Hardin at Department of Agriculture's Honor Awards Ceremony, Sylvan Theater, the Mall, Washington, D.C., May 18, 1971. 1971. 4 p. 4° (6026; USDA 1595-71.) †

16214 Remarks by Secretary of Agriculture Clifford M. Hardin at Salute to Agriculture, May 7, 1971. 1971. 9 p. 4° (5986; USDA 1544-71.) A 1.40 : H 21/7

Statistical bulletin.

16215 474. Variations in length of farm workweek; by Walter E. Sellers, jr. [Sept. 1971.] 20 p. il. 4° (Economic Research Service.) * Paper, 20c. ● Item 15
L.C. card 76-614386 A 1.34 : 474

Technical bulletin.

16216 1427. Genetics and cytological studies with camellia and related genera [with list of literature cited]; by William L. Ackerman. [Sept. 1971.] iv+115 p. il. (Agricultural Research Service.) * Paper, 70c. ● Item 16
A 1.86 : 1427

AIR FORCE DEPARTMENT, Defense Dept.
Washington, DC 20330

Air Force Human Resources Laboratory: [Technical report] AFHRL-TR (series). (Air Force Systems Command, Brooks Air Force Base, Tex.) ‡
D 301.45/27 : (nos.)

16217 71-28. Development and standardization of airman qualifying examination-form J [with list of references]; by Bert M. Vitola, Iris H. Massey, James M. Wilbourn. May 1971. vii+9+[2] p. 4° [Project 7719, task 771911.]

16218 71-29. Characteristics of Air Force enlistees related to draft vulnerability [with list of references]; by Bart M. Vitola, Lonnie D. Valentine, jr. June 1971. vii+12+[2] p. 4° [Project 7719, task 771916.]

16219 71-30. Three methods for estimating difficulty of job tasks [with list of references]; by William B. Lecznar. July 1971. vii+5+[2] p. 4° [Project 7734, task 773402.]

Air Force manual AFM (series).

16220 78-57. See Defense Department, Defense Supply Agency handbook DSAH 4215.52

16221 88-7, chap. 2. See Army Department, Technical manual 5-850-2.

16222 88-19, chap. 9. See Army Department, Technical manual 5-852-9.

Air Force pamphlet AFP (series).

16223 190-42. See Information for Armed Forces. Office of. DoD pamphlet GEN-34.

Air Force System Command manual AFSCM (series).

16224 310-1. Contractor data management: Management of contractor data and reports: v. 2, Authorized data list, Change 6, Aug. 2, 1971. [51] p. il. 4° (Air Force Logistics Command manual AFLCM 310-1, v. 2.) [Issued in looseleaf form.] * Paper, 45c. (S/N 0870-0310) ● Item 421
D 301.45/14 : 310-1/2/v.2/ch.6

Air Weather Service technical report.

16225 221. Study of stratospheric emitters based on infrared radiometersonde measurements [with list of references]; by Serhij Pilipowskyj and James A. Weinman. Aug. 1971. cover title, vi+58 p. il. 4° [Issued with perforations.] ‡ D 301.40 : 221

16226 Guaranteed jobs for 6-year enlistment in Air Force. [1971.] 15 p. il. oblong 24° ([NPS 72-11A; Advertising Division.]) † ● Item 424
D 301.2 : J 57/3

448-084 O—71——2

PACAF [Pacific Air Forces] basic bibliographies for base libraries.

16227 Reference books, supp. 2; prepared by Eleanor F. Ballou. Aug. 15, 1971. [1]+iv +21 p. 4° [Supplements edition of Sept. 1, 1968, and Supplement 1, Apr. 15, 1970.] † CINCPACAF (PDSR)/Director, PACAF Libraries APO, San Francisco 96553 D 301.62 : R 25/968/supp.2

16228 Science, technology and warfare, proceedings of 3d Military History Symposium, United States Air Force Academy, May 8–9, 1969; edited by Monte D. Wright and Lawrence J. Paszek. [1971.] xvi+221 p. il. (Office of Air Force History Headquarters, USAF.) [Symposium is sponsored jointly by Department of History and Association of Graduates, United States Air Force Academy.] * Paper, $1.25 (Order no. D 305.13 : 969) ● Item 421–D
L.C. card 72–614578 D 301.78 : 969

AIR PROGRAMS OFFICE, Environmental Protection Agency
Rockville, MD 20852

EP 4.9/2 : (nos.)

Air Pollution Control Office publication APTD (series). ● Item 483–E

16229 0626. Studies on ice fog, final report [with lists of references]; by Takeshi Ohtake. June 1970. 177 p. il. 4° [At head of title on cover: Research grants. Research grant AP–00449 prepared by Geophysical Institute of University of Alaska.] † Office of Technical Information and Publications, Environmental Protection Agency, Research Triangle Park, NC 27711.
L.C. card 70–614450

16230 0741. Air quality data for 1967 from National Air Surveillance Networks and contributing State and local networks. Revised 1971. Research Triangle, N.C., Aug. 1971. ix+[1]+184 p. il. 4° (Division of Atmospheric Surveillance.) † Office of Technical Information and Publications, Air Pollution Control Office, Environmental Protection Agency, Research Triangle Park, NC 27709 ● Item 483–E

16231 Air pollution training courses, July 1971–June 1972 and University training programs, extramural programs, Institute for Air Pollution Training, planning and special projects. July 1971. 107 p. il. oblong 12° † ● Item 483–E–6 EP 4.13 : 971–72

Air Programs Office technical report APTD (series).

16232 0711. Background information for proposed new-source performance standards, steam generators, incinerators, portland cement plants, nitric acid plants, sulfuric acid plants [with list of references]. Aug. 1971. iv+50 p. 4° [Errata, 1 p., issued also.] † EP 4.9/2 : 0711

ARMY DEPARTMENT, Defense Dept.
Washington, DC 20310

AMC pamphlet. (Army Materiel Command.)

16233 310–1. Military publications, index of publications and blank forms, Jan. 4, 1971, current as of Aug. 31, 1971, Change 4. Oct. 1, 1971. 30 p. 4° [Issued with perforations. Supersedes Change 2, July 1, 1971 and Change 3, Aug. 16, 1971.] ‡ ● Item 322–A D 101.22/3 : 310–1/11/ch.4

Civilian personnel pamphlet, CPP (series).

16234 45–M–3. Administering labor agreement. [1971.] cover title, iii+28 p. 4° (Manager development series.) [Issued with perforations.] ‡ ● Item 323–D D 101.37 : 45–M–3

Field manual FM (series).

16235 5–1. Engineer troop organizations and operations. July 1971. cover title, [339] p. il. 4° [Issued with perforations. Supersedes FM 5–1, Sept. 30, 1965 including all changes]. ‡ ● Item 324 D 101.20 : 5–1/2

Pamphlet. D 101.22 : (nos.)

16236 360–533. See Information for Armed Forces, Office of, DoD pamphlet GEN–34.

16237 550–11. Communist North Korea, bibliographical survey. Feb. 1971. cover title, x+130 p. il. 9 pl. in pocket 4° [Plates are colored.] * Paper, $3.25. ● Item 327 (Rev. 1969).
L.C. card 71–614453

Technical manual TM (series). ‡ D 101.11 : (nos.)

16238 5–850–2. Railroad design and construction at Army and Air Force installations [with list of references]. Aug. 1971. cover title, 39 p. il. 4° (Air Force Department, AFM 88–7, chap. 2.) [Issued with perforations. Supersedes TM 5–850–2 (formerly designated as Department of Army, Corps of Engineers, Engineer Manual EM 1110–345–355), and Air Force Manual 88–7, chap. 2, July 22, 1958, with Changes 1 and 2.]

*For Sale by Superintendent of Documents
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16239 5-852-9. Arctic and subarctic construction: Buildings [with list of references and bibliography]. July 1971. cover title, 71 p. il. 4° (Air Force Department, AFM 88-19, chap. 9.) [Issued with perforations.]

16240 5-856-8. Design of structures to resist effects of atomic weapons, arches and domes [with bibliography]. 1971. cover title, ii+54 p. il. 4° [Reprint of former EM 1110-345-420, Jan. 15, 1960. Redesignated TM 5-856-8 by DA Cir 310-28, Mar. 17, 1965. Issued with perforations.] ● Item 329

USAAMRDL technical report. (Eustis Directorate, Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) ‡

D 117.8/2:(nos.)

16241 71-19. Experimental investigation of compound helicopter aerodynamics in level and descending forward flight and in ground proximity [with list of literature cited]; by William F. Putman, Joseph J. Traybar. July 1971. [1]+xxii+293+[2] p. il. 4° [Prepared under task 1F162204A14233, contract DAAJ02-67-6-0025 by Aerospace and Mechanical Sciences Department, Princeton University, Princeton, N.J.]

16242 71-23. Advanced antitorque concepts study, final report [with list of literature cited]; by Arthur W. Grumm, Groves E. Herrick. July 1971. [1]+xvii+145+[2] p. il. 4° [Prepared by Sikorsky Aircraft, Division of United Aircraft Corporation, Stratford, Conn. under contract DAAJ02-70-C-0049, task 1F162204AA4405. Issued by originator as SER-50697.]

16243 71-28. Static and rotating air/gas seal evaluation [with selected bibliography]; by W. Paladini. June 1971. [1]+xiii+157+[2] p. il. 4° [Prepared by Curtiss-Wright Corporation, Wood-Ridge, N.J. under contract DAAJ02-70-C-0024, task 1G162204A01409.]

16244 71-37. Design and evaluation of advanced high-speed fuel pump; by Harry T. Johnson. July 1971. [1]+vii+55+[2] p. il. 4° [Prepared by Battelle, Columbus Laboratories, Columbus, Ohio under contract DAAJ02-69-C-0072, task 1G162203D14416.]

16245 71-48. Experimental determination of ignition limits of JP-4 fuel when exposed to caliber .30 incendiary projectiles [with list of literature cited]; by Charles M. Pedriani. July 1971. vii+26+[2] p. il. 4° [Project 1F162203A150; house task 69-2.]

USAAVLABS technical report. (Eustis Director, Army Air Mobility Research and Development Laboratory, Fort Eustis, Va.) ‡

D 117.8/2:(nos.)

16246 70-74A. Stability and control of helicopters in steep approaches; v. 1, Summary report [with list of literature cited]; by Julian Wolkovitch [and] John A. Hoffman. May 1971. cover title, [1]+xxi+179+[2] p. il. 4° [Prepared by Mechanics Research, Inc., Los Angeles, Calif. under contract DAAJ02-69-C-0004.]

16247 70-74B. Stability and control of helicopters in steep approaches; v. 2, MOSTAB program [with list of literature cited]; by Julian Wolkovitch [and] John A. Hoffman. May 1971. cover title, [1]+xiv+202+[2] p. il. 4° [Prepared by Mechanics Research, Inc., Los Angeles, Calif. under contract DAAJ02-69-C-0004 and issued as MRI report 2284-1.] ‡

16248 70-74C. Stability and control of helicopters in steep approaches: v. 3, Derivatives and transfer functions for YHC-1A tandem-rotor helicopter and S-58 single-rotor helicopter; by Julian Wolkovitch [and] John A. Hoffman. May 1971. [1]+xi+290+[2] p. 4° [Prepared by Mechanics Research, Inc., Los Angeles, Calif. under contract DAAJ02-69-C-0004; project 1F162214A142.]

16249 70-74D. Stability and control of helicopters in steep approaches: v. 4, Derivatives and transfer functions for AH-56A compound helicopter, and data on low-altitude turbulence representation [with list of literature cited]; by Julian Wolkovitch [and] John A. Hoffman. May 1971. [1]+x+195+[2] p. 4° [Prepared by Mechanics Research, Inc., Los Angeles, Calif. under contract DAAJ02-69-C-0004, project no. 1F162204A142. Issued by originator as MRI report 2284-1.]

16250 What is your next move? [1971.] cover title, [8] p. il. 4° ([RPI 605, July 1971.]) [Illustrations are colored. Text on p. 2 of cover.] † ● Item 325

D 101.2: Y 8/2

ATOMIC ENERGY COMMISSION
Washington, DC 20545

AEC research and development reports. Y 3.At 7: 22/(letters-nos.)

16251 AEC-tr-7233. Radiobiology, v. 11, no. 1, Jan.-Feb. [articles, with bibliographies]. [Aug. 1971.] cover title, [1]+a-d+239 p. il. 4° (Translation series.) [Translation by Joint Publications Research Service.] ♦ Paper, $3.00.

16252 ANL-TRANS-857. Questions concerning detection of entry of water into sodium [with list of literature; by V. I. Subbotin and others]. [Aug. 1971.] cover title, [1]+33 p. il. 4° (Translation series.) [Source: Physical-Energetics Institute, Obninsk, USSR, June 1970(?). Translated by Gerda Siegel, Sept. 1970.] ♦ Paper, $3.00.

♦For Sale by National Technical Information Service, Springfield, VA 22151
●Sent to depository Libraries

AEC research and development reports—Continued

16253 CONF-710301. Neutron cross sections and technology, proceedings of 3d conference, Mar. 15-17, 1971, University of Tennessee, Knoxville, Tenn. [with lists of references, sponsored by American Nuclear Society, Reactor Physics Division, American Physical Society, Division of Nuclear Physics, Oak Ridge Atomic Energy Commission, University of Tennessee; R. L. Macklin, editor]. Aug. 1971. Φ Paper, 12.00 per set (2 vols.)
v. 1. xiv+1-484 p. il. 4°
v. 2. xiv+485-913 p. il. 4°
L.C. card 78-176278

16254 COO-2038-2. Study of control of public health problems using irradiation, annual report, May 1, 1969-Apr. 30, 1970 [with list of references; prepared by R. B. Maxcy, N. P. Tiwari, and C. C. Anagnostis]. May 1971. cover title, iv+38 p. il. 4° [Department of Food Science and Technology, Nebraska University, Lincoln, Neb.; contract A(11-1)-2038.] Φ $3.00.

16255 HASL-243. Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1971; prepared by Edward P. Hardy, jr.]. July 1, 1971. cover title, [320] p. il. 4° [Errata sheet, 1 p., issued also.] Φ Paper, $3.00.

16256 HASL-243. Health and Safety Laboratory fallout program, quarterly summary report [Mar. 1-June 1, 1971], appendix. July 1, 1971. cover title, [407] p. il. 4° Φ Paper, $3.00.

16257 IS-2356. Bibliography of mass spectroscopy literature for 1969 compiled by computer method; [J. Capellen and others, compilers]. July 1971. cover title, xv+766 p. 4° [Ames Laboratory, Ames, Iowa.] Φ Paper, $3.00.

16258 NVO-87. Seismology, aftershocks, and related phenomena associated with underground nuclear explosions, bibliography of selected papers with abstracts; compiled and prepared by Office of Effects Evaluation, Seismology Branch, Atomic Energy Commission, Nevada Operations Office, Las Vegas, Nev. May 1971. [1]+vii+36 p. 4° Φ Paper, $3.00.
L.C. card 77-614677

16259 SNC-3693-1. 170 Tm oxide for thermal source applications [with lists of references; prepared by Robert W. Anderson]. 1970. cover title, [464] p. il. 4° [Sanders Nuclear Corporation, Nashua, N.H.; contract AT(40-1)-3693] Φ Paper, $6.00.

16260 TID 85 (9th rev.). Report number codes used by USAEC Division of Technical Information in cataloging reports; [compiled by Helen W. White, and Edna Cockrell]. 9th revised edition. Sept. 1970. cover title, [4]+181 p. 4° Φ Paper, $3.00.

16261 TID-25749. Bacteriophages of clostridium botulinum and closely related organisms, final summary [with bibliographies; prepared by M. W. Eklund and others]. July 1970. cover title, [1]+22 p. il. 4° [Technological Laboratory, Bureau of Commercial Fisheries, Seattle, Wash.; contract AT(49-7)-2442, mod. no. 8.] Φ Paper, $3.00.

16262 TID-25750. Outgrowth and toxin production of nonproteolytic clostridium botulinum types B, E, and F in nonirradiated and irradiated haddock, fillets stored at 42° and 46° F, final summary [with list of literature cited; by M. W. Eklund and others]. Nov. 1970. cover title, 44 p. il. 4° [National Marine Fisheries Service, Seattle, Wash.; contract AT(49-7)-2442, mod. no. 8.] Φ Paper, $3.00.

16263 TID-25752. Program to evaluate educational uses of 252 Cf source in nuclear science and engineering program, annual report, Jan.-Dec. 1970; [prepared by Geoffrey G. Eichols]. Jan. 1971. [1]+47 p. il. 4° [School of Nuclear Engineering, Georgia Institute of Technology, Atlanta, Ga.; contract AT-(3801)-568.] Φ Paper, $3.00.

16264 WASH-1169. Thermal effects and U.S. nuclear power stations [with list of references; prepared by staff of Division of Reactor Development and Technology with assistance from Pacific Northwest Laboratory (PNL), Battle Memorial Institute]. Aug. 1971. v+40 p. il. 4° * Paper, 50c. ● Item 1051-C
L.C. card 78-614740

16265 WASH-1185. Radioactivity in marine environment, prepared by Panel on Radioactivity in Marine Environment on Committee on Oceanography of National Academy of Sciences National Research Council, summary report; [by Michael Waldichuk]. 1971. vi+28 p. (Division of Biology and Medicine.)
* Paper, 25c. ● Item 1051-C

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16266 Financial report 1971. [1971.] iv+64 p. il. 4° † ● Item 1051-M
Y 3.At 7 : 39/971

16267 Summary of binary phase diagrams [colored chart]. [1970.] 34.9 x 44.9 in. [Prepared under contract AT-33-1-GEN-53 by Monsanto Research Corporation, Mound Laboratory.] * Paper, 30c. Y 3.At 7 : 26 B 51

AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

FAA-AM (series). TD 4.210 : (nos.)

16268 71-16. Alcohol and disorientation-related responses: 2, Nystagmus and vertigo during angular acceleration [with list of references; by] David J. Schroeder. Apr. 1971. cover title, [3]+27+[2] p. il. 4° Φ Paper, $3.00

16269 71-17. Combined effects of altitude and high temperature on complex performance [with list of references; by] W. D. Chiles [and others]. Apr. 1971. cover title, [4]+10+[2] p. il. 4° Φ Paper, $3.00

16270 71-19. Changes in cardiovascular health parameters over 8-year interval in ATC population segment [with list of references; by] Michael T. Lategola. Apr. 1971. cover title, [4]+15+[2] p. 4° [This work done under tasks AM-D-67-PHY-1 and AM-B-71-PHY-2.] Φ Paper, $3.00

16271 71-21. Affect adjective check list assessment of mood variations in air traffic controllers [with list of references; by] Roger C. Smith, C. E. Melton, [and] Jess M. McKenzie. Apr. 1971. cover title. [3]+8+[2] p. 4° [Prepared under tasks AM-A-70-PSY-20, AM-A-71-PHY-20, AM-B-69-PHY-34, and AM-B-70-PHY-45 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] Φ Paper, $3.00

16272 71-25. Philosophy and limitations of FAA aeromedical standards, policies, and procedures; [by] G. K. Norwood. June 1971. cover title, [3]+7+[1] p. 4° Φ Paper, $3.00

16273 71-27. Color defective vision and recognition of aviation color signal light flashes [with list of references; by] Mark F. Lewis, Jo Ann Steen. June 1971. cover title. [4]+7+[1] p. il. 4° [Research conducted under tasks AM-B-69-PSY, AM-A-70-PSY-19, and AM-A-71-PSY-19.] Φ Paper, $3.00

16274 71-29. Effects of simulated sonic booms on tracking performance and autonomic response [with list of references; by] Richard I. Thackray, R. Mark Touchstone, [and] Karen N. Jones. June 1971. cover title, [3]+15+[2] p. il. 4° [Prepared under task AM-A-71-PSY-21, by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] Φ Paper, $3.00

16275 71-30. Attitudes and motivational factors in terminal area air traffic control work [with list of references; by] Roger C. Smith, Bart B. Cobb, William E. Collins]. July 1971. cover title, [3]+27+[2] p. il. 4° [This study was done under tasks AM-B-69-PSY-2, AM-A-70-PSY-2, AM-B-71-PSY-2, and AM-A-71-PSY-20.] Φ Paper, $3.00

16276 71-31. Spiral aftereffect: 3, Some effects of perceived size, retinal size, and retinal speed on duration of illusory motion [with list of references; by] Kevin D. Mehling, William E. Collins, David J. Schroeder. July 1971. cover title, [3]+11+[2] p. il. 4° [Prepared under task AM-A-70-PSY-10 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] Φ Paper, $3.00

16277 71-32. Color defective vision and day and night recognition of aviation color signal light flashes [with list of references; by] Jo Ann Steen, Mark F. Lewis. July 1971. cover title, [4]+11+[1] p. il. 4° [This research was conducted under tasks AM-B-69-PSY-19, AM-A-70-PSY-19, AM-A-71-PSY-19.] Φ Paper, $3.00

16278 71-34. Alcohol and disorientation-related responses: 4, Effects of different alcohol dosages and display illumination on tracking performance during vestibular stimulation [with list of references; by] Richard D. Gilson [and others]. July 1971. cover title, [3]+12+[2] p. il. 4° [Prepared under task AM-A-71-PSY-27 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] Φ Paper, $3.00

16279 71-37. Evaluation of improved flotation device for infants and small children [with list of references; by] Ernest B. McFadden and Joseph W. Young. July 1971. cover title, [4]+8+[2] p. il. 4° [Research work performed under task PRS-15 by FAA Civil Aeromedical Institute, Oklahoma City, Okla.] Φ Paper, $3.00

CABINET COMMITTEE ON OPPORTUNITIES FOR SPANISH SPEAKING PEOPLE, 1800 G St. N.W. Washington, DC 20506

16280 Annual report of Cabinet Committee on Opportunities for Spanish Speaking People, fiscal year 1971. [1971.] [4]+ii+120 p. 4° † ● Item 1067-K
Y 3.Sp 2/7 : 1/971

16281 The Spanish speaking in United States: Guide to materials; compiled by Cabinet Committee on Opportunity for Spanish Speaking. 1971. [192] p. [Last 5 pages left blank for notes.] † ● Item 1607–K
L.C. card 75–614612 Y 3.Sp 2/7 : 2 G 94

CENSUS BUREAU, Commerce Dept.
Suitland, MD 20233

16282 Census Bureau methodological research, 1970, annotated list of papers and reports; [prepared by Deane Harris]. Sept. 1971. [4]+15 p. 4° ([History and Research Reports Branch of General Reports Division.]) * Paper, 30c. ● Item 138 C 3.163/4 : M 56/970

1967 census of business: Retail trade, area statistics BC67–RA (series).

16283 11. Florida, Change sheet. Aug. 1970. 3 p. 4° † ● Item 132–A–11
C 3.202/2 : 967/11/ch.

16284 45. Texas, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–46
C 3.202/2 : 967/45/ch.

1967 census of business: Selected services area statistics BC67–SA (series).

16285 1. United States, Change sheet. Nov. 1970. 6 p. 4° † ● Item 132–A–1
C 3.202/4 : 967/1/ch.

16286 2. Alabama, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–2
C 3.202/4 : 967/2/ch.

16287 4. Arizona, Change sheet. Aug. 1970. 3 p. 4° † ● Item 132–A–4
C 3.202/4 : 967/4/ch.

16288 26. Mississippi, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–27
C 3.202/4 : 967/26/ch.

16289 45. Texas, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–46
C 3.202/4 : 967/45/ch.

16290 47. Vermont, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–48
C 3.202/4 : 967/47/ch.

1967 census of business: Wholesale trade, area statistics BC67–WA (series).

16291 45. Texas, Change sheet. Sept. 1970. 3 p. 4° † ● Item 132–A–46
C 3.202/3 : 967/45/ch.

1970 census of housing: Block statistics, HC(3) series. ([Housing Division.]) C 3.224/5 : 970/(nos.)

16292 10. Tucson, Ariz., urbanized area. [Aug. 1971.] cover title, xii+53 p. 12 maps in pocket, 4° * Paper, $2.50. ● Item 156–A–4

16293 13. Little Rock-North Little Rock, Ark., urbanized area. [Aug. 1971.] cover title, xii+47 p. 13 maps in pocket, 4° * Paper, $2.75. ● Item 156–A–5

16294 14. Pine Bluff, Ark., urbanized area. [Aug. 1971.] cover title, xii+19 p. 5 maps in pocket, 4° * Paper, $1.50. ● Item 156–A–5

16295 84. Cedar Rapids, Iowa, urbanized area. [Aug. 1971.] cover title, xi+22 p. 7 maps in pocket. 4° * Paper, $1.75. ● Item 156–A–17

16296 86. Des Moines, Iowa, urbanized area. [Aug. 1971.] cover title, xii+42 p. 13 maps in pocket, 4° * Paper, $2.75. ● Item 156–A–17

16297 89. Waterloo, Iowa, urbanized area. [Aug. 1971.] cover title, xi+27 p. 7 maps in pocket, 4° * Paper, $1.75. ● Item 156–A–17

16298 94. Lexington, Ky., urbanized area. [Aug. 1971.] cover title, xii+16 p. 5 maps in pocket, 4° * Paper, $1.50. ● Item 156–A–19

16299 148. Manchester, N.H., urbanized area. [Aug. 1971.] cover title, xi+20 p. 6 maps in pocket, 4° * Paper, $1.75. ● Item 156–A–31

16300 216. Sioux Falls, S. Dak., urbanized area. [Aug. 1971.] cover title, xii+18 p. 5 maps in pocket, 4° * Paper, $1.50. ● Item 156–A–44

1970 census of housing: General housing characteristics, HC(1)–A (series). ([Housing Division.]) C 3.224/3 : 970/A(nos.)

16301 8. Connecticut. [Sept. 1971.] cover title, iv+84+12 p. il. 4° * Paper, $1.00. ● Item 156–A–8

16302 11. Florida. [Aug. 1971.] cover title iv+120+12 p. il. 4° * Paper, $1.25. ● Item 156–A–11

16303 17. Iowa. [Aug. 1971.] cover title, iv+77+12 p. il. 4° * Paper, $1.25. ● Item 156–A–17

16304 19. Kentucky. [Aug. 1971.] cover title, iv+85+12 p. il. 4° * Paper, $1.25. ● Item 156–A–19

16305 22. Maryland. [Sept. 1971.] cover title, iv+73+12 p. il. 4° * Paper, $1.00. ● Item 156–A–22

16306 24. Michigan. Aug. 1971. iv+110+12 p. il. 4° * Paper, $1.50. ● Item 156–A–24

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16307 25. Minnesota. [Sept. 1971.] cover title, iv+69+12 p. il. 4° * Paper, $1.25. ● Item 156-A-25

16308 26. Mississippi. [Aug. 1971.] cover title, iv+55+12 p. il. 4° * Paper 75c. ● Item 156-A-26

16309 29. Nebraska. [Aug. 1971.] cover title, iv+46+12 p. 4° * Paper, 75c. ● Item 156-A-29

16310 37. Ohio. [Sept. 1971.] cover title, iv+172+12 p. il. 4° * Paper, $2.00. ● Item 156-A-37

16311 38. Oklahoma. [Aug. 1971.] cover title, iv+65+12 p. il. 4° * Paper, $1.00. ● Item 156-A-38

16312 42. South Carolina. [Sept. 1971.] cover title, iv+64+12 p. il. 4° * Paper, $1.00. ● Item 156-A-43

16313 51. Wisconsin. [Aug. 1971.] cover title, iv+87+12 p. il. 4° * Paper, $1.25. ● Item 156-A-52

1970 census of population: General population characteristics, PC(1)-B (series). ([Population Division.]) C 3.223/6: 970/B (nos.)

16314 3. Alaska. Sept. 1971. iv+25-74+13 p. il. 4° [Text on p. 2 of cover.] * Paper, 65c. ● Item 159-A-3

16315 11. Florida. [Aug. 1971.] iv+49-196+12 p. il. 4° [Text on p. 3 of cover.] * Paper, $1.25. ● Item 159-A-11

16316 17. Iowa. Aug. 1971. iv+53-200+12 p. il. 4° * Paper, $1.50. ● Item 159-A-17

16317 18. Kansas. Sept. 1971. iv+49-187+12 p. il. 4° * Paper, $1.50. ● Item 159-A-18

16318 19. Kentucky. Sept. 1971. iv+37-181+13 p. il. 4° * Paper, $1.50. ● Item 159-A-19

16319 20. Louisiana. Aug. 1971. iv+33-140+13 p. il. 4° [Page 13 on p. 3 of cover.] * Paper, $1.25. ● Item 159-A-20

16320 23. Massachusetts. Aug. 1971. iv+37-209+13 p. il. 4° * Paper, $1.25. ● Item 159-A-23

16321 24. Michigan. Aug. 1971. iv+53-228+13 p. il. 4° * Paper, $1.75. ● Item 159-A-24

16322 25. Minnesota. Sept. 1971. iv+57-212+12 p. il. 4° * Paper, $1.75. ● Item 159-A-25

16323 28. Montana. Aug. 1971. iv+25-99+12 p. il. 4° * Paper, $1.00. ● Item 159-A-28

16324 50. West Virginia. Aug. 1971. iv+29-116+12 p. il. 4° * Paper, $1.00. ● Item 159-A-51

16325 51. Wisconsin. Sept. 1971. iv+49-196+12 p. il. 4° * Paper, $1.75. ● Item 159-A-52

1970 census of population: Number of inhabitants, PC(1)-A (series). ([Population Division.]) C 3.223/5: 970/A (nos.)

16326 25. Minnesota. Aug. 1971. viii+55 p. il. 4° * Paper, 55c. ● Item 158-A-25

16327 32. New Jersey. Sept. 1971. viii+43 p. il. 4° * Paper, 50c. ● Item 159-A-32

1970 census of population and housing, final report: General demographic trends for metropolitan areas, 1960-70 PHC (2) (series). C 3.223/13: 970/(nos.)

16328 6. California. Aug. 1971. 65 p. il. 4° * Paper, 55c. ● Item 159-A-6

16329 27. Missouri. Aug. 1971. 38 p. il. 4° * Paper, 30c. ● Item 159-A-27

16330 34. New York. Aug. 1971. 42 p. il. 4° * Paper, 35c. ● Item 159-A-34

16331 37. Ohio. Sept. 1971. 73 p. il. 4° * Paper, 55c. ● Item 159-A-37

16332 40. Pennsylvania. Sept. 1971. 58 p. il. 4° * Paper, 50c. ● Item 159-A-40

16333 45. Texas. Sept. 1971. 88 p. il. 4° * Paper, 75c. ● Item 159-A-46

16334 Computerized reporting of census data for small areas, promising new technique for the 70's, [address] by George H. Brown, Director, Bureau of Census, [at] Conference on Role of Computer in Economic and Social Research, Oaxtepec, Mexico, Oct. 25-29, 1971. [1971.] [3]+24+[5] p. 4° † C 3.132: B 81/8

Congressional district data CDD-(series).

16335 92-29. New York, district of 92d Congress. Aug. 1971. 20 p. il. 4° † Paper, 50c. ● Item 140-B-1 C 3.134/4: 92-29

16336 Cotton production in United States, crop of 1970. Oct. 1971. iii+24 p. ([Agriculture Division.]) * Paper, 40c. ● Item 141
L.C. card 25-26795 C 3.32: 970

County business patterns, 1970, CBP (series). ([General Economic Statistics Division.]) [Prepared with assistance of Social Security Administration.] ● Item 133-A
L.C. card 49-45747 C 3.204: (nos.)

16337 70-1. U.S. summary. Aug. 1971. ii+[2]+304 p. il. 4° * Price $2.25 (S/N 0301-2208).

†For Sale by National Technical Information Service, Springfield, VA 22151
●Sent to depository Libraries

16338 Current business reports: 1970 retail trade, annual sales and purchases, and year-end inventories of retail stores, by kind of business. Sept. 1971. 20 p. il. 4° (BR-70-13.) * Paper, $6.00 (including Weekly retail sales report, Monthly retail trade report, and Annual retail trade report.) ● Item 147-B
L.C. card 55-60385 C 3.138/3-2: 970

16339 Current industrial reports: Converted flexible packaging products, 1970; [prepared in Industry Division]. Sept. 15, 1971. 6 p. 4° (Series M26F (70-13).) † Paper, 15c. ● Item 142-A C 3.158: M 26F(70)-13

16340 —— Salad dressing, mayonnaise, and related products, 1970; [prepared in Industry Division]. Sept. 15, 1971. 4 p. 4° (Series MA-20F(70-1).) † Paper, 25c. ● Item 142-A C 3.158: MA-20 F(70)-1

Current population reports: Series P-20, Population characteristics. * Paper, $14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), $3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-20/(nos.)

16341 223. Social and economic variations in marriage, divorce, and remarriage, 1967. Oct. 7, 1971. ii+92 p. il. 4° [Issued with perforations.] * Paper, $1.00.

Current population reports: Series P-25, Population estimates and projections. * Paper, $14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), $3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C
C 3.186: P-25/(nos.)

16342 466. Estimates of population of United States by age and sex, July 1, 1971, preliminary report. Sept. 22, 1971. 2 p. 4° [Issued with perforations.] * Paper, 5c.

16343 467. Estimates of population of United States to Aug. 1, 1971. Sept. 23, 1971. 2 p. il. 4° [Issued with perforations.] * Paper, 5c.

16344 468. Provisional estimates of population of States, July 1, 1971 and 1970. Oct. 5, 1971. 2 p. il. 4° * Paper, 5c.

Current population reports: Series P-60, Consumer income. * Paper, $14.00 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), $3.50 additional for foreign mailing; single copy prices vary. ● Item 142-C C 3.186: P-60/(nos.)

16345 80. Income in 1970 of families and persons in United States; [prepared by Emmett F. Spiers and John F. Coder]. Oct. 4, 1971. cover title, iv+134 p. 4° [Issued with perforations.] * Paper, $1.25

Government finances, GF 70 (series). ● Item 146-E
C 3.191/2: 970/(nos.)

16346 4. City government finances in 1969-70; [prepared by Finance Branch, Governments Division]. Sept. 1971. [3]+104 p. 4° * Paper, $1.00 (S/N 0301-2302).

16347 5. Governmental finances in 1969-70; [prepared by Finance Branch, Governments Division]. Sept. 1971. [4]+56 p. 4° * Paper, 60c. (S/N 0301-2303).

16348 Minority-owned businesses, 1969. [Aug. 1971.] cover title, [1]+177 p. il. 4° (MB-1.) * Paper, $1.50 (S/N 0301-2296). ● Item 146
L.C. card 78-176278 C 3.2: M 66/2/969

16349 Negro population as percent of total population, by counties of United States, 1970 [colored map]. Scale 500 m.=4.9 in. [1971.] 22 x 34 in. [Boundaries of counties and county equivalents as of Jan. 1, 1971. Albers equal area projection.] * Paper, 20c. (S/N 0301-2288).
Insets: Alaska, Hawaii C 3.62/2: N 31/970

16350 Special and technical services from Bureau of Census, available to State and local governments; by Ann D. Casey. Sept. 1971. [4]+17 p. ([General Reports Division.]) * Paper, 30c. ● Item 146
L.C. card 74-180645 C 3.2: Sp 3

16351 Statistical abstract of United States, 1971 [National data book and guide to sources]. 92d annual edition. [1971.] [1]+xxiv+1008 p. il. [Prepared under direction of William Lerner, Chief, General Reports Division. Includes copyright material. Also issued as H. doc. 63, 92d Congress, 1st session.] * Cloth, $5.50. ● Item 150
L.C. card 4-18089 C 3.134: 971

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16352 U.S. commodity exports and imports as related to output, 1968 and 1967. Sept. 1971. [3]+202 p. il. 4° (Series ES2 no. 11; Industry and Commodity Classification Staff.) * Paper, $1.75. ● Item 160-B
L.C. card A62-9090 C 3.229 : 11

16353 U.S. foreign trade: Vessel entrances and clearances, 1970. Aug. 25, 1971. 5 p. 4° (FT 975-70.) † Paper, 10c. ● Item 144 C 3.164 : 975/970

Working paper.

16354 31. Price variation in new FHA houses, 1959-61, report of research in methods of constructing price indexes; by Samuel Lovitt Brown. Sept. 1971. [4]+97 p. il. 4° ([Construction Statistics Division [and] Statistical Research Division.]) † Paper, $1.50. ● Item 151-B
L.C. card 71-610131 C 3.214 : 31

CENTER FOR DISEASE CONTROL, Health, Education, and Welfare Dept., Atlanta, GA 30333

16355 Designing good slides, an instructive communication. [1971.] vi+55 p. il. oblong 12° ([Public Health Service publication 2196.]) * Paper, 60c. (S/N 1723-0050). ● Item 504 HE 20.2302 : Sl 3

CIVIL AERONAUTICS BOARD
Washington, DC 20428

16356 List of U.S. air carriers; prepared by Publications Services Section. Sept. 1, 1971. 11 p. oblong 8° [Page 4 intentionally left blank.] †
C 31.254 : 971-2

16357 Youth fares, chapter two, remarks of Whitney Gillilland, Vice Chairman, Civil Aeronautics Board, Association of Local Transport Airlines, Montreal, Quebec, Canada, Sept. 30, 1971. [1]+18 p. 4° †
C 31.215 : G 41/19

CIVIL DEFENSE OFFICE (Army), Defense Dept.
Washington, DC 20310

Miscellaneous publication MP (series).

16358 61. Mayor's Command Center, Washington, D.C. [1971.] cover title, 16 p. il. oblong 24° [Illustrations are colored.] † ● Item 857-D-11
D 119.11 : 61

CIVIL RIGHTS COMMISSION
Washington, DC 20425

16359 Hearing before Commission on Civil Rights. [1971.] vi+1043 p. il. [Hearing held in Baltimore, Md., Aug. 17-19, 1970.] * Paper, $4.50 (S/N 0500-0060). ● Item 288-A
L.C. card 77-614713 CR 1.8 : B 21

16360 Political participation of Mexican Americans in California, report of California State Advisory Committee to United States Commission on Civil Rights. Aug. 1971. cover title, iii+90 p. il. 4° † ● Item 288-A
L.C. card 77-614721 CR 1.2 : P 75/6

CIVIL SERVICE COMMISSION
Washington, DC 20415

16361 Civil service recruiter, no. 25, Sept. 1971. [1971.] [4] p. 4° ([Bureau of Recruiting and Examining.]) † CS 1.68 : 25

FED facts.

16362 5. On Federal merit promotion policy. [Sept. 1971.] [8] p. il. narrow 8° * Paper, $5.00 per 100; single copy, 10c. (S/N 0600-0590). ● Item 293-A
CS 1.59 : 5/3

[Pamphlet].

16363 T-10. Guide to training resources and information publications; prepared by Bureau of Training. [Aug. 1971.] [2]+6 p. 4° * Paper, 20c. (S/N 0600-0593). ● Item 299 CS 1.48 : T 10/2

COAL RESEARCH OFFICE, Interior Dept.
Washington, DC 20240

Research and development reports. ● Item 606–C–2 I 63.10:(nos.)

16364 39, v. 4, bk. 3. Pilot-scale development of CSF process, July 1, 1968–Dec. 31, 1970; [prepared by Consolidation Coal Company, Research Division, Library, Pa.]. Aug. 1971.] cover title, [678] p. il. 4° [Contract 14–01–0001–310(1).] * Paper, $5.75 (S/N 2414–0033).

16365 55. Development of coal-based sewage-treatment process. [1971.] cover title, [3]+xiv+488 p. il. 4° [Contract 14–01–001–483.] * Paper, $5.75 (S/N 2414–0035).
L.C. card 75–614793

16366 63. Evaluation of coal-sewage treatment pilot plant [with bibliography; prepared by Sverdrup & Parcel and Associates, Inc., St. Louis, Mo.]. [1971.] cover title, [1]+vi+58 p. 4° [Contract 14–32–0001–1205.] * Paper, $1.00 (S/N 2414–0034).
L.C. card 614850

COAST GUARD, Transportation Dept.
Washington, DC 20591

16367 Merchant vessels of United States 1970 (including yachts). Jan. 1, 1970. 1971. vii+1680 p. oblong 8° * Cloth, $13.00 (S/N 5012–0022). ● Item 950 TD 5.12/2:970

COMMERCE DEPARTMENT
Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

16368 Economic climate for the 70's, address by Peter C. Manus, Deputy Assistant Secretary of Commerce for Economic Policy Review, prepared for delivery to 3d Electrical World Conference for Utility Executives, Atlanta, Ga., Sept. 22, 1971. 1971. 15 p. 4° † C 1.18:M 31/2

16369 One-third of way through freeze, progress report on New Economic Program, summary of remarks by Harold C. Passer, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at Business Forecasting Seminar, University of California, Los Angeles, Sept. 15, 1971. 1971. 8 p. 4° † C 1.18:P 26/26

Overseas business reports OBR (series). [Issued irregularly. Issued with perforations.] * Paper, $16.00 a yr., $5.00 additional for foreign mailing; single copy, 15c. (1–3 yr. subs.). ● Item 231–B C 1.50:(nos.)

16370 71–028. Basic data on economy of Indonesia [with bibliography]; prepared by M. Virginia Webbert and Floyd J. Dubas. Aug. 1971. 32 p. il. 4° (Bureau of International Commerce.) [Supersedes OBR 64–6.]

16371 71–030. Market profiles for Near East and South Asia; prepared in Near East-South Asia Division, Office of International Commercial Relations. Sept. 1971. 18 p. 4° (Bureau of International Commerce.) [Supersedes OBR 70–31.]

16372 71–033. Market profiles for Western Europe and Canada; prepared in Western Europe Division, Office of International Commerce Relations. Aug. 1971. 22 p. 4° (Bureau of International Commerce.) [Supersedes OBR 70–29.]

16373 71–034. Establishing business in Italy [with bibliography]; prepared by Richard P. Humbert. Sept. 1971. 20 p. 4° (Bureau of International Commerce.) [Supersedes OBR 67–59.]

16374 71–035. Selling in Sweden [with bibliography]; prepared by Harold A. McNitt. Sept. 1971. 17 p. 4° (Bureau of International Commerce.) [Supersedes OBR 66–94.]

16375 71–036. Basic data on economy of Portugal [with bibliography]; prepared by Mara Yachnin. 12 p. 4° (Bureau of International Commerce.) [Supersedes OBR 66–92.]

16376 71–037. Market profile for Latin America and Caribbean; prepared in American Republics Division, Office of International Commercial Relations. Sept. 1971. 24 p. 4° [Supersedes OBR 70–30.]

16377 71–038. Market profiles for Eastern Europe, U.S.S.R., and People's Republic of China; prepared in Eastern Europe Division, Office of International Commercial Relations. Sept. 1971. 8 p. 4° (Bureau of International Commerce.)

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16378 71-039. U.S. foreign trade by quarters, Apr.–June 1969–Apr.–June 1971. Sept. 1971. 27 p. il. 4° (Bureau of International Commerce.)

16379 71-040. Basic data on economy of Lebanon [with bibliography]; prepared by John P. Edwards. Oct. 1971. 10 p. 4° (Bureau of International Commerce.) [Supersedes OBR 69-28.]

16380 President Nixon's New Economic Program and its relationship to wage-price controls, address by Peter C. Manus, Deputy Assistant Secretary of Commerce for Economic Policy Review, prepared for delivery to National Association of Accountants, Northern Illinois University, Rockford, Ill., Sept. 14, 1971. 1971. 8 p. 4° † C 1.18: M 31/3

16381 Trade and investment, new ball game, address by Harold B. Scott, Assistant Secretary Designate for Domestic and International Business, prepared for delivery at St. Louis World Trade Conference, Sept. 23, 1971. 1971. 10 p. 4° † C 1.18: Sco 8/7

16382 U.S. leadership in high technology products, U.S. view, remarks by James H. Wakelin, jr., Assistant Secretary of Commerce for Science and Technology, before American Institute of Physics annual meeting of society officers and corporate associates, New York City [N.Y.], Sept. 23, 1971. [1971.] 8+[10] p. il. 4° † C 1.18: W 13/4

CONGRESS

16383 Congressional record, proceedings and debates of 91st Congress, 2d session, v. 116. [Permanent edition.] 1970.
pt. 19. July 21–29, 1970. [1]+25135–26488 p. * Cloth, $6.25. ● Item 993
X.91/2: 116/pt.19

16384 Memorial services held in House of Representatives and Senate of United States, together with tributes presented in eulogy of Robert J. Corbett, late representative from Pennsylvania, 92d Congress, 1st session. 1971. v+[1]+44+[1] p. 1 por. † ● Item 1005
L.C. card 75-614604 Y 7.1: C 81

United States Code, containing general and permanent laws of United States, in force on Jan. 20, 1971; prepared by Committee on the Judiciary, House of Representatives. 1970 edition. 1971. ● Item 991

16385 v. 12. Popular name index and general index A–C. xxvi+13471–14678 p. large 8° * Fabrikoid, $10.25 (S/N 5270-1165). Y 4.J 89/1: Un 3/3/970/v.12

Laws

NOTE.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Public laws, 92d Congress. ● Item 575

NOTE.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, DC 20402, at a subscription price of $20.00 per session, $5.00 additional for foreign mailing; single copies vary in price.

16386 117. H.R. 135, act to provide for periodic pro rata distribution among States and other jurisdictions of deposit of available amounts of unclaimed Postal Savings System deposits, and for other purposes. [Approved Aug. 13, 1971.] 2 p. * Paper, 5c.

16387 118. H.R. 5208, act to authorize appropriations for procurement of vessels and construction of shore and offshore establishments for Coast Guard, and to authorize annual active duty personnel strength of Coast Guard. [Approved Aug. 13, 1971.] 3 p. * Paper, 10c.

16388 119. S. 2296, act to amend sec. 107 and 709 of title 32, United States Code, relating to appropriations for National Guard and to National Guard technicians, respectively. Approved Aug. 13, 1971. 1 p. * Paper, 5c.

16389 120. H.R. 4263, act to add California-grown peaches as commodity eligible for any form of promotion, including paid advertising, under marketing order. Approved Aug. 13, 1971. 1 p. * Paper, 5c.

16390 121. H.R. 8794, act to provide for payment of cost of medical, surgical, hospital, or related health care services provided certain retired, disabled officers and members of Metropolitan Police force of District of Columbia, Fire Department of District of Columbia, United States Park Police force, Executive Protective Service, and United States Secret Service, and for other purposes. [Approved Aug. 16, 1971.] 2 p. * Paper, 5c.

16391 122. H.R. 7586, act to amend act of Dec. 30, 1969, establishing Cabinet Committee on Opportunities for Spanish-Speaking People, to authorize appropriations for 2 additional years. Approved Aug. 16, 1971. 1 p. * Paper, 5c.

*For Sale by National Technical Information Service, Springfield, VA 22151
●Sent to depository Libraries

Public laws, 92d Congress—Continued

16392 123. S.J. Res. 105, joint resolution authorizing the President to issue proclamation designating 1971 as Year of World Minority Language Groups. [Approved Aug. 16, 1971.] 2 p. * Paper, 5c.

16393 124. H.R. 2596, act to amend act of July 11, 1947, to authorize members of District of Columbia Fire Department, United States Park Police force, and Executive Protective Service, to participate in Metropolitan Police Department Band, and for other purposes. Approved Aug. 16, 1971. 1 p. * Paper, 5c.

16394 127. H.R. 9798, act to authorize Secretary of Interior to establish Lincoln Home National Historic Site in Illinois, and for other purposes. Approved Aug. 18, 1971. 1 p. * Paper, 5c.

ATOMIC ENERGY JOINT COMMITTEE
Washington, DC 20515

AEC licensing procedure and related legislation, hearings before Subcommittee on Legislation, 92d Congress, 1st session.

16395 pt. 1. June 22–July 14, 1971. 1971. vii+478+iv p. * Paper, $1.75 ● Item 999
L.C. card 78–614661 Y 4.At 7/2 : L 61/pt.1

Uranium enrichment pricing criteria, hearings, 92d Congress, 1st session.

16396 pt. 2. Feb. 25, 1971. 1971. iv+130+1 p. il. * Paper, 60c. ● Item 999
L.C. card 72–608580 Y 4.At 7/2 : Ur 1/7/pt.2

DEFENSE PRODUCTION JOINT COMMITTEE
Washington, DC 20510

16397 Defense production act progress report 50, on potential shortages of ores, metals, and minerals, fuels and energy resources, estimated future production and consumption, recycling of metals, dependence on foreign sources, recommendations for meeting demand, and related matters, Aug. 2, 1971. 1971. iv+280 p. il. † ● Item 999–A
Y 4.D 36 : P 94/no.50

HOUSE OF REPRESENTATIVES
Washington, DC 20515

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 91st Congress.

16398 436. Fiscal year 1970 outlay limitation on the budget. Dec. 31, 1970. 2 p. † ● Item 996

House documents

House documents, 92d Congress.

16399 63. Statistical abstract of United States, 1971 [National data book and guide to sources]. 92d annual edition. [1971.] [1]+xxiv+1008 p. il. [Prepared under direction of William Lerner, Chief, General Reports Division. Includes copyright material. * (Available in departmental edition, cloth, $5.50, C 3.134 :971, and sent to depositories in that form. See Entry no. 16351.)

16400 81. U.S. participation in UN, report by President to Congress for year 1970. [Sept. 1971.] vii+235 p. ([International organization and conference series 96, State Department publication 8600; Bureau of International Organization Affairs.]) * (Available in departmental edition, $1.00, S 1.70 :96 and sent to depositories in that form. See Entry no. 17126.)
92–1 : H.doc.

16401 146. Amendments to budget for fiscal year 1972 for District of Columbia. July 26, 1971. 3 p. † ● Item 996

16402 151. Supplemental appropriation, fiscal year 1972, General Services Administration. Aug. 3, 1971. 2 p. † ● Item 996

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on private bills, 92d Congress. † House Document Room, Capitol. ● Item 1008–B

16403 488. Han Choon Hee. Report from Committee on Judiciary to accompany H.R. 1867. Sept. 22, 1971. 9 p.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16404 489. Ronnie B. (Malit) Morris and Henry B. (Malit) Morris. Report from Committee on Judiciary to accompany H.R. 3082. Sept. 22, 1971. 16 p.

16405 490. Helen Tziminadis. Report from Committee on Judiciary to accompany H.R. 3425. Sept. 22, 1971. 6 p.

16406 491. Mrs. Marina Munoz de Wyss (nee Lopez). Report from Committee on Judiciary to accompany H.R. 5579. Sept. 22, 1971. 4 p.

16407 492. Eddie Troy Jaynes, jr., and Rosa Elena Jaynes. Report from Committee on Judiciary to accompany S. 306. Sept. 22, 1971. 7 p.

16408 493. Siu-kei-Fong. Report from Committee on Judiciary to accompany S. 617. Sept. 22, 1971. 8 p.

16409 494. Park Jung Ok. Report from Committee on Judiciary to accompany S. 1489. Sept. 22, 1971. 11 p.

16410 495. Leonarda Buenaventura Ocariza and her daughter, Lucila B. Ocariza. Report from Committee on Judiciary to accompany S. 1759. Sept. 22, 1971. 4 p.

16411 497. For relief of Joseph F. Sullivan. Report from Committee on Judiciary to accompany H.R. 1997. Sept. 23, 1971. 3 p.

16412 498. Helen Rose Botto. Report from Committee on Judiciary to accompany H.R. 1966. Sept. 23, 1971. 9 p.

16413 499. Mrs. Andree Simone Van Moppes and her children, Alain Van Moppes and Didier Van Moppes. Report from Committee on Judiciary to accompany H.R. 1970. Sept. 23, 1971. 6 p.

16414 500. Nemesio Gomez-Sanchez. Report from Committee on Judiciary to accompany H.R. 2108. Sept. 23, 1971. 8 p.

16415 501. Mrs. Mauricia A. Buensalido and her minor children, Raymond A. Buensalido, and Jacqueline A. Buensalido. Report from Committee on Judiciary to accompany H.R. 3383. Sept. 23, 1971. 5 p.

16416 502. John Vincent Amirault. Report from Committee on Judiciary to accompany H.R. 6670. Sept. 23, 1971. 9 p.

16417 507. Tax exempt property of Reserve Officers Association. Report from Committee on District of Columbia to accompany H.R. 456. Sept. 23, 1971. 6 p.

16418 525. Vito Serra. Report from Committee on Judiciary to accompany H.R. 5586. Sept. 29, 1971. 5 p.

16419 526. Carmen Maria Pena-Garcano. Report from Committee on Judiciary to accompany H.R. 6342. Sept. 29, 1971. 5 p.

16420 528. Authorizing and directing Secretary of Interior to convey certain property in State of North Dakota to Central Dakota Nursing Home. Report from Committee on Interior and Insular Affairs to accompany H.R. 1763. Sept. 29, 1971. 3 p.

16421 529. Providing for conveyance of public lands in Wyoming. Report from Committee on Interior and Insular Affairs to accompany H.R. 2082. Sept. 29, 1971. 3 p.

House reports

House reports on public bills, 92d Congress. † House Document Room, Capitol. ● Item 1008-A

16422 511. Federal environmental pesticide control act of 1971. Report together with additional views from Committee on Agriculture to accompany H.R. 10729. Sept. 25, 1971. 82 p.
L.C. card 72-614736

16423 533. Revenue act of 1971. Report with dissenting views from Committee on Ways and Means to accompany H.R. 10947. Sept. 29, 1971. 110 p. il. [Corrected print.] * Paper, 45c. 92-1 : H.rp.

16424 543. Credit union share insurance amendments. Report from Committee on Banking and Currency to accompany H.R. 9961. Oct. 1, 1971. 9 p. 92-1 : H.rp.

16425 554. Higher education act of 1971. Report together with supplemental, additional, and individual views from Committee on Education and Labor to accompany H.R. 7248. Oct. 8, 1971. 257 p.
L.C. card 76-614710

Appropriations Committee, House
Washington, DC 20515

16426 Department of Defense appropriations for 1972, hearings before subcommittee, 92d Congress, 1st session. † ● Item 1011
Y 4.Ap 6/1 : D 36/5/972/pt. (nos.)
pt. 7. Defense agencies. 1971. ii+722+vii p.
pt. 8. Testimony of Hyman G. Rickover. 1971. iv+150 p.

16427 [This entry number not used.]

16428 Federal unemployment benefits and allowances, hearings before subcommittee, 92d Congress, 1st session, supplemental funds for 1972. 1971. ii+23 p. † ● Item 1011
L.C. card 77-614698 Y 4.Ap 6/1 : Un 2/3

Armed Services Committee, House
Washington, DC 20515

Papers, 92d Congress. † ● Item 1012 Y 4.Ar 5/2a : 971–72/(nos.)

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

16429 25. Full committee consideration of H.R. 10422, to amend title 10, United States Code, to limit separation of members of Armed Forces under conditions other than honorable, and for other purposes, H.R. 2566, to authorize Secretary of Army or his designee, to convey to Texas certain lands at Fort Bliss Reservation in exchange for certain other lands, and H.R. 984, to amend chap. 73 of title 10, United States Code, to establish survivor benefit plan. Sept. 14, 1971. p. 6057–95.

16430 26. Subcommittee no. 2 hearing on H.R. 3817, to amend titles 10 and 32, United States Code, to authorize establishment of National Guard for Virgin Islands. Sept. 16, 1971. p. 6097–6109.

16431 27. Hearings on H.R. 2, to establish Uniform Services University of Health Sciences, 92d Congress, 1st session, Sept. 21–23, 1971. 1971. cover title, 6111–6377+vi p. il.
L.C. card 76–614666

16432 United States-Vietnam relations, 1945–67, book 1–12, study prepared by Department of Defense. 1971. [6905] p. il. 4° (Committee print.) [Known as Pentagon papers.] * Paper, $50.00 per set of 12 vols (S/N 5270–1201). ● Item 1012
L.C. card 70–614379 Y 4.Ar 5/2 : V 67/3/945–67 bk.1–12

Banking and Currency Committee, House
Washington, DC 20515

16433 To provide provisional share insurance for Federal credit unions, hearing, before Subcommittee on Bank Supervision and Insurance, 92d Congress, 1st session, on H.R. 9061, Sept. 22, 1971. 1971. iii+118 p. † ● Item 1013
L.C. card 79–614672 Y 4.B 22/1 : In 7/4

District of Columbia Committee, House
Washington, DC 20515

16434 Revenue proposals, hearings before Subcommittee on Business, Commerce and Fiscal Affairs, 92d Congress, 1st session, on H.R. 8392, June 8–July 20, 1971.
L.C. card 75–614726

pt. 1. June 8–30, 1971. 1971. xiv+1–499 p. il. † ● Item 1014
Y 4.D 63/1 : R 32/971/pt.1

pt. 2. July 2–20, 1971. 1971. xiv+501–916 p. il. † ● Item 1014
Y 4.D 63/1 : R 32/971/pt.2

Education and Labor Committee, House
Washington, DC 20515

16435 Economic opportunity act, hearing, before special hearing subcommittee no. 1, 92d Congress, 1st session, on oversight into administration of Economic opportunity act of 1964 and consideration of H.R. 40, H.R. 6360, H.R. 6394, and H.R. 8163, June 10, 1971. 1971. ii+28 p. [Hearings held in Washington, D.C.] † ● Item 1015
L.C. card 70–614711 Y 4.Ed 8/1 : Ec 7/971–7

16436 Economic opportunity act, hearings before Special Hearing subcommittee no. 2, 92d Congress, 1st session, on oversight into administration of Economic opportunity act of 1964 and consideration of H.R. 40, H.R. 6360, H.R. 6394, and H.R. 8163, May 28–31, 1971. 1971. vii+292 p. [Hearings held in Honolulu, Oahu, Hawaii, Lihue, Kauai, Hawaii, and Kahului, Maui, Hawaii.] † ● Item 1015
L.C. card 79–614699 Y 4.Ed 8/1 : Ec 7/971–8

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16437 Higher education amendments of 1971, hearings before Special Subcommittee on Education, 92d Congress, 1st session, on H.R. 32, H.R. 5191, H.R. 5192, H.R. 5193, and H.R. 7248.
pt. 1. Mar. 2–30, 1971. 1971. v+596 p. il. † ● Item 1015
L.C. card 78–614523 Y 4.Ed 8/1 : Ed 8/26/971/pt.1
pt. 2. And appendix, Mar. 31–July 23, 1971. 1971. iv+597–1147 p. il. † ● Item 1015
L.C. card 78–614523 Y 4.Ed 8/1 : Ed 8/26/971/pt.2

16438 To establish National Institute of Education, hearings before Select Subcommittee on Education, 92d Congress, 1st session, H.R. 33, H.R. 3606, and other related bills, Feb. 18–June 14, 1971. 1971. v+705 p. il. [Hearings held in Washington, D.C., New York, N.Y., and Chicago, Ill.] † ● Item 1015
L.C. card 75–614718 Y 4.Ed 8/1 : N 211/3

Foreign Affairs Committee, House
Washington, DC 20515

16439 Cold war, origins and development, hearings before Subcommittee on Europe, 92d Congress, 1st session, June 7–18, 1971. 1971. iv+231 p. * Paper, $1.00 (S/N 5270–1222). ● Item 1017
L.C. card 78–614479 Y 4.F 76/1 : C 67/3

16440 Indian Ocean, political and strategic future, hearings before Subcommittee on National Security Policy and Scientific Developments, 92d Congress, 1st session, July 20–28, 1971. 1971. viii+242 p. † ● Item 1017
L.C. card 70–614553 Y 4.F 76/1 : In 2/7

16441 International moratorium of 10 years on killing of all species of whales, hearings before Subcommittee on International Organizations and Movements, 92d Congress, 1st session, on H.J. Res. 706 [and] H. Con. Res. 375, July 26, 1971. 1971. iii+75 p. il † ● Item 1017
L.C. card 71–614559 Y 4.F 76/1 : W 55/2

16442 Radio free Europe and Radio Liberty, hearings, 92d Congress, 1st session, on H.R. 9330, 9637, 10590, and S. 18, Sept. 14 and 21, 1971. 1971. iv+131 p. † ● Item 1017
L.C. card 72–614681 Y 4.F 76/1 : R 11

16443 Soviet naval activities in Cuba, hearings before Subcommittee on Inter-American Affairs, 91st Congress, 2d session, Sept. 30–Nov. 24, 1970. 1971. iv+93 p. il. † ● Item 1017
L.C. card 77–614433 Y 4.F 76/1 : So 8/13

Government Operations Committee, House
Washington, DC 20515

16444 Block grant programs of Law Enforcement Assistance Administration, hearings before subcommittee, 92d Congress, 1st session.
pt. 1. July 20–29, 1971. 1971. vi+462 p. il. * Paper, $1.75 ● Item 1016
L.C. card 78–614696 Y 4.G 74/7 : L 41/2/pt.1

16445 Effectiveness and efficiency of Department of Transportation programs relating to automobile and schoolbus safety, hearing before subcommittee, 92d Congress, 1st session, July 13, 1971. 1971. iii+199 p. il. † ● Item 1016
L.C. card 77–614441 Y 4.G 74/7 : T 68/3

16446 New drugs used for nonapproved purposes (methotrexate for psoriasis), hearings before subcommittee, 92d Congress, 1st session, July 29 and 30, 1971. 1971. iv+136 p. il. † ● Item 1016
L.C. card 70–614659 Y 4.G 74/7 : D 84/7

16447 Overview hearing on operations of Department Housing and Urban Develment, hearing before a subcommittee, 92d Congress, 1st session, May 24, 1971. 1971. iii+100 p. † ● Item 1016
L.C. card 76–614702 Y 4.G 74/7 : H 81/5

16448 Public access to reservoirs to meet growing recreation demands, hearing before subcommittee, 92d Congress, 1st session, June 15, 1971. 1971. iv+192 p. il. * Paper, 70c. (S/N 5270-1197). ● Item 1016
L.C. card 78-614495 Y 4.G 74/7 : R 31/8

16449 Safety and effectiveness of new drugs (advertising and promotion of prescription drugs), hearing, 92d Congress, 1st session, May 4, 1971. 1971. iv+108 p. il. † ● Item 1016
L.C. card 70-614548 Y 4.G 74/7 : D 84/9

16450 Safety and effectiveness of new drugs (market withdrawal of drugs containing cyclamates), hearing before subcommittee, 92d Congress, 1st session, May 3, 1971. 1971. iv+99 p. il. † ● Item 1016
L.C. card 76-614560 Y 4.G 74/7 : D 84/6

16451 Safety and effectiveness of new drugs (standards for evaluating drug effectiveness—enforcement problems), hearing before subcommittee, 92d Congress, 1st session, May 5, 1971. 1971. iii+52 p. † ● Item 1016
L.C. card 71-614670 Y 4.G 74/7 : D 84/10

Interior and Insular Affairs Committee, House
Washington, DC 20515

[Committee hearings] serial, 92d Congress. † ● Item 1019
Y 4.In 8/4 : 92-(nos.)

16452 16. Water resources research act amendments, hearing before Subcommittee on Irrigation and Reclamation, 92d Congress, 1st session, on H.R. 1400 and related bills, June 29, 1971. 1971. iv+181 p.
L.C. card 70-614426

16453 18. Micronesia economic development and amendments to Virgin Islands organic act, hearings before Subcommittee on Territorial and Insular Affairs, 92d Congress, 1st session, on H.R. 1130, S. 860, H.R. 9544 [and] H.R. 9545, July 16, 1971. 1971. iv+90 p. il.
L.C. card 77-614555

Interstate and Foreign Commerce Committee, House
Washington, DC 20515

[Committee hearings] serial, 92d Congress. † ● Item 1019

16454 34. Uniform time act amendments, 1971, hearing before Subcommittee on Commerce and Finance, 92d Congress, 1st session, on H.R. 4174 [and identical bills) and H.R. 1103, June 28, 1971. 1971. iii+28 p. [Corrected print.]
L.C. card 75-614261

16455 36. Flammable fabrics act, premarket testing, hearings before Subcommittee on Commerce and Finance, 92d Congress, 1st session, on H.R. 5698, June 30 and July 6, 1971. 1971. iii+78 p.
L.C. card 72-614480

Judiciary Committee, House
Washington, DC 20515

[Committee hearings] serial, 92d Congress. † ● Item 1020
Y 4.J 89/1 : 92/(nos.)

16456 9. Congressional districting, hearings before subcommittee no. 5, 92d Congress, 1st session, on H.R. 8953 and related proposals, July 21-29, 1971. 1971. iv+243 p.
L.C. card 70-614556

16457 10. Voting representation in Congress for District of Columbia, hearings before subcommittee no. 1, 92d Congress, 1st session, on H.J. Res. 46, H.J. Res. 253, H.J. Res. 374, H.J. Res. 470 and similar resolutions, July 19-22, 1971. 1971. v+344 p.
L.C. card 77-614547

16458 11. United States magistrates, hearings before subcommittee no. 4, 92d Congress, 1st session, on H.R. 7375 and H.R. 9180, Sept. 9, 1971. 1971. iii+49 p.
L.C. card 78-614724

16459 12. International Criminal Police Organization, hearing before subcommittee no. 4, 92d Congress, 1st session, on H.R. 9223, Sept. 10, 1971. 1971. iii +21 p.
L.C. card 71-614725

Merchant Marine and Fisheries Committee, House
Washington, DC 20515

[Committee hearings] serial, 92d Congress.

16460 9. Migratory waterfowl regulations, 1971, hearing before Subcommittee on Fisheries and Wildlife Conservation, 92d Congress, 1st session, on wildlife conservation as it relates to migratory waterfowl regulations, July 30, 1971. 1971. iii+56 p. † ● Item 1021
L.C. card 77-614669 Y 4.M 53 : 92-9

*For Sale by Superintendent of Documents
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Post Office and Civil Service Committee, House
Washington, DC 20515

[Committee hearings] serial, 92d Congress.

16461 15. Congressional relations with United States Postal Service, hearings before Subcommittee on Postal Service, 92d Congress, 1st session, on committee resolution and H.R. 7939, May 7–July 27, 1971. 1971. xiii+184+A–42 p. † ● Item 1022
L.C. card 70–614434 Y 4.P 84/10 : 92–15

Science and Astronautics Committee, House
Washington, DC 20515

16462 National space program, present and future, compilation of papers prepared for Subcommittee on NASA Oversight, 91st Congress, 2d session; Dec. 10, 1970. 1970. v+246 p. il. (Serial U, committee print.) * Paper, $1.00
L.C. card 78–610926 Y 4.Sci 2 : 91–2/U

[Papers], 92d Congress, 1st session. † ● Item 1025–A
Y 4.Sci 2 : 92–1/(nos.)

16463 9. Apollo 15 mission report, hearing, 92d Congress, 1st session, Sept. 9, 1971. 1971. iii+37 p. il.
L.C. card 76–614544

16464 10. Chapel of the Astronauts, H.R. 4545, hearing before Subcommittee on Manned Space Flight, 92d Congress, 1st session, Sept. 23, 1971. 1971. iii+30 p. il.
L.C. card 74–614695

Small Business, Select Committee on, House
Washington, DC 20515

16465 Advertising and small business, hearings before Subcommittee on Activities of Regulatory Agencies Relating to Small Business, 92d Congress, 1st session, pursuant to H. Res. 5 and 19, June 7–25, 1971. 1971. viii+666+A 350 p. il. † ● Item 1031
L.C. card 78–614487 Y 4.Sm 1 : Ad 9/2

16465A Small business problems in metric conversion, hearings before Subcommittee on Minority Small Business Enterprise, 92d Congress, 1st session, pursuant to H. Res. 5 and 19, June 8 and 9, 1971. 1971. iv+111 +A199 p. il. † ● Item 1031
L.C. card 75–614438 Y 4.Sm 1 : M 56/2

Ways and Means Committee, House
Washington, DC 20515

16466 Tax proposals contained in the President's new economic policy, hearings, 92d Congress, 1st session, Sept. 8–17, 1971. ● Item 1028
Y 4.W 36 : T 19/52/pt.(nos.)

pt. 1. Sept. 8 and 9, 1971. 1971. xii+1–357 p. il. * Paper, $1.50.
L.C. card 74–614486

pt. 2. Sept. 13 and 14, 1971. 1971. xii+359–732 p. il. * Paper, $1.50.
L.C. card 74–614486

pt. 3. Sept. 15 and 16, 1971. 1971. xii+733–1065 p. il. * Paper, $1.50.
L.C. card 74–614486

pt. 4. Sept. 17, 1971. 1971. xii+1067–1362 p. il. * Paper, $1.25.
L.C. card 74–614486

SENATE
Washington, DC 20510

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 92d Congress.

16467 35. Proposed amendment to budget for fiscal year 1972 for Susquehanna River Basin Commission. Aug. 6, 1971. 2 p. † ● Item 996

Senate documents, 92 Congress—Continued

16468 39. Development of systems to attain established motor vehicle and engine emission standards, report of Administrator of Environmental Protection Agency to Congress of United States in compliance with Public law 90–148, Clean air act, as amended; Sept. 24, 1971. 1971. [87] p. il. * Paper, 35c. ● Item 996
L.C. card 76–614690

16469 40. Statements by Presidents of United States on international cooperation in space, chronology Oct. 1957–Aug. 1971, prepared for Committee on Aeronautical and Space Science, Senate; Sept. 24, 1971. 1971. iv+126+vii p. il. * Paper, 55c. (S/N 5271–0252). ● Item 996
L.C. card 76–614737

Senate executive documents

Senate executive document, 92d Congress, 1st session.

16470 J. Agreement with Japan concerning Ryukyu Islands and Daito Islands, message from President of United States transmitting agreement signed Washington and Tokyo on June 17, 1971; Sept. 21, 1971. 1971. xi+30 p. ‡
L.C. card 70–614667 Y 1.92/1 : J

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on private bills, 92d Congress. † Senate Document Room, Capitol. ● Item 1008–B

16471 379. For relief of Grant J. Merritt and Mary Merritt Bergson. Report from Committee on Interior and Insular Affairs to accompany S. 539. Sept. 28, 1971. 3 p. †

Aging, Special Committee on, Senate
Washington, DC 20510

16472 Cutbacks in medicare and medicaid coverage, hearings before Subcommittee on Health of the Elderly, 92d Congress, 1st session.
pt. 1. Los Angeles, Calif., May 10, 1971. 1971. v+152 p. * Paper, 60c. ● Item 1009
L.C. card 78–614558 Y 4.Ag 4 : M 46/4/pt.1

16473 Evaluation of Administration on Aging and conduct of White House Conference on Aging, hearings, 92d Congress 1st session.
pt. 6. Orlando, Fla., May 10, 1971. 1971. iii+353–407 p. * Paper, 30c. ● Item 1009
L.C. card 73–613695 Y 4.Ag 4 : Ag 4/2/pt.6

16474 Legal problems affecting older Americans, hearing, 92d Congress, 1st session.
pt. 2. Boston, Mass., Apr. 30, 1971. 1971. iii+115–163 p. * Paper, 25c. ● Item 1009
L.C. card 73–610492 Y 4.Ag 4 : L 52/2/pt.2

Agriculture and Forestry Committee, Senate
Washington, DC 20510

16475 Rural development, hearings before Subcommittee on Rural Development, 92d Congress, 1st session.
pt. 3. 1, Balanced national growth policy, 2, National rural development program, 3, S. 1612, Rural community development revenue sharing act of 1971, 4, Reorganization of Department of Agriculture and related agencies, May 3–July 9, 1971. 1971. v+357–973 p. il. [Hearings held in Sioux City, Iowa, Vermillion, S. Dak., Montgomery Ala., and Tifton, Ga.] † ● Item 1032
L.C. card 71–614086 Y 4.Ag 8/2 : R 88/11/pt.3

Appropriations Committee, Senate
Washington, DC 20510

16476 Departments of Labor and Health, Education, and Welfare and related agencies appropriations for fiscal year 1972, hearings before subcommittee, 92d Congress, 1st session, on H.R. 10061.
[pt. 3.] [Nondepartmental witnesses.] 1971. ii+1485–2276+xix p. il. † ● Item 1033
L.C. card 72–614728 Y 4.Ap 6/2 : L 11/972/pt.3

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
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16477 Foreign assistance and related programs appropriations, fiscal year 1972, hearings before subcommittee, 92d Congress, 1st session [Agency for International Development; Asian Development Bank; assistance to refugees in United States; Department of Defense, military assistance, Ryukyu Islands, Army; Export-Import Bank of United States; Inter-American Development Bank; International Bank for Reconstruction and Development; International Development Association; Migration and Refugee Assistance, Overseas Private Investment Corporation; Peace Corps]. 1971. ii+1429+xxi p.+2 folded leaves † ● Item 1033
L.C. card 74-614549 Y 4.Ap 6/2 : F 76/8/972

16478 Supplemental appropriation for Department of Labor for fiscal year 1972, hearings, 92d Congress, 1st session, on Federal unemployment benefits and allowances. 1971. ii+31+i p. † ● Item 1033
L.C. card 71-614717 Y 4.Ap 6/2 : L 11/972-2

Armed Services Committee, Senate
Washington, DC 20510

16479 Advanced prototype, hearing, 92d Congress, 1st session, Sept. 9, 1971. 1971. ii+57 p. il. † ● Item 1034
L.C. card 70-614545 Y 4.Ar 5/3 : P 94/7

16480 Nomination of Kenneth E. BeLieu to be Under Secretary of Army, hearing, 92d Congress, 1st session, Sept. 16, 1971. 1971. iii+8 p. † ● Item 1034
L.C. card 79-614664 Y 4.Ar 5/3 : B 41/2

Banking, Housing, and Urban Affairs Committee, Senate
Washington, DC 20510

16481 Nomination of Philip A. Loomis, jr., hearing, 92d Congress, 1st session, Sept. 22, 1971. 1971. ii+6 p. † ● Item 1035
L.C. card 72-614701 Y 4.B 22/3 : L 87

Commerce Committee, Senate
Washington, DC 20510

[Committee hearings] serial, 92d Congress. † ● Item 1041
Y 4.C 73/2 : 92-(nos.)

16482 15. Coastal zone management, hearings before Subcommittee on Oceans and Atmosphere, 92d Congress, 1st session, on S. 582, S. 632, S. 638, and S. 992, May 5-11, 1971. 1971. v+807 p. il.
L.C. card 78-614436

16483 16. Fish inspection legislation hearings before Subcommittee on Environment, 92d Congress, 1st session, on S. 296, S. 700, and S. 1528, May 20 and 21, 1971. 1971. iv+400 p. il.
L.C. card 79-614439

16484 18. Automobile insurance reform and cost savings, hearings, 92d Congress, 1st session, on S. 945, S. 946, S. 976 [and] S. Con. Res. 23.
pt. 2. May 4 and 5, 1971. 1971. vi+417-895 p. il.
L.C. card 70-614632
pt. 3. May 6-11, 1971. 1971. vi+897-1463 p. il.
L.C. card 70-614632
pt. 4. May 12-June 16, 1971. 1971. vi+1465-2084 p. il.
L.C. card 70-614632

16485 19. Airport and airway development and revenue acts amendments of 1971, hearings before Subcommittee on Aviation, 92d Congress, 1st session, S. 1437, June 22 and 23, 1971. 1971. iii+86 p. il.
L.C. card 76-614682

16486 20. Consumer class action, hearings before Consumer Subcommittee, 92d Congress, 1st session, on S. 984, S. 1222, [and] S. 1378, Apr. 27 and 29, 1971. 1971. iv+265 p. il.
L.C. card 79-614680

16487 21. Amend Department of Transportation act, hearing before Subcommittee on Surface Transportation, 92d Congress, 1st session, on S. 728, May 3, 1971. 1971. iii+22 p.
L.C. card 78-614716

16488 22. Natural gas supply for Pacific northwest, hearings, 92d Congress, 1st session, Apr. 19 and 20, 1971. 1971. vi+376 p. 1 pl.
L.C. card 73-614712

District of Columbia Committee, Senate
Washington, DC 20510

16489 Court reform act impact on correctional system, hearings before Subcommittee on Business, Commerce, and Judiciary, 92d Congress, 1st session, on impact of court reform and Criminal procedure act of 1970 on correctional institutions in District of Columbia, June 16–17, 1971. 1971. iv +491 p. il. † ● Item 1036
L.C. card 74–614557 Y 4.D 63/2 : C 83/6

16490 Election reform in District of Columbia, hearing, 92d Congress, 1st session. pt. 1. Residency requirements, Aug. 24, 1971. 1971. iii+24 p. † ● Item 1036
L.C. card 78–614428 Y 4.D 63/2 : El 2/2/pt.1

16491 Interest and usury, hearing, 92d Congress, 1st session, on S. 1938, Aug. 5, 1971. 1971. iv+208 p. il. † ● Item 1036
L.C. card 74–614660 Y 4.D 63/2 : In 8

16492 Tax exemption and accounting procedures, hearing before Subcommittee on Fiscal Affairs, 92d Congress, 1st session, S. 2387, H.R. 7718 and H.R. 8712, Aug. 3, 1971. 1971. iii+34 p. † ● Item 1036
L.C. card 74–614427 Y 4.D 63/2 : T 19/6

Equal Educational Opportunity, Select Committee on, Senate
Washington, DC 20510

16493 Equal educational opportunity, hearings, 92d Congress, 1st session. pt. 11. Status of school desegregation law, June 15, 1971. 1971. iv+5391–5508 p. * Paper, 55c. ● Item 1009
L.C. card 70–608401 Y 4.Eq 2 : Eq 2/pt.11

Foreign Relations Committee, Senate
Washington, DC 20510

16494 Conventions and amendments relating to pollution of sea by oil, hearings before Subcommittee on Oceans and International Environment, 92d Congress, 1st session, on Executive G, 91st Congress, 2d session, May 20, 1971. 1971. iv+229 p. il. † ● Item 1039
L.C. card 71–614524 Y 4.F 76/2 : P 76/2

16495 Inter-American Development Bank fund for special operations, hearing, 92d Congress, 1st session, on S. 748, June 4, 1971. 1971. iii+62 p. il. † ● Item 1039
L.C. card 70–614431 Y 4.F 76/2 : In 8/39

16496 Legislative proposals relating to war in Southeast Asia, hearings, 92d Congress, 1st session, on S. 376 [and other bills], Apr. 20–May 27, 1971. 1971. vii+726+xii p. † ● Item 1039
L.C. card 79–614140 Y 4.F 76/2 : As 4/13

16497 Prospects for comprehensive nuclear test ban treaty, hearings before Subcommittee on Arms Control, International Law and Organization, 92d Congress, 1st session, July 22 and 23, 1971. 1971. iv+153 p. † ● Item 1039
L.C. card 75–614663 Y 4.F 76/2 : N 88/5

16498 Senate role in foreign affairs appointments, study of provisions of the Constitution and law requiring confirmation of nominations in foreign relations field, prepared by Foreign Affairs Division, Congressional Research Service, Library of Congress; Aug. 1971. 1971. v+76 p. 1 pl. (Committee print, 92d Congress, 1st session.) †
L.C. card 74–614530 Y 4.F 76/2 : F 76/29

16499 U.N. sanctions against Rhodesia, chrome, hearings, 92d Congress, 1st session, on S. 1404, July 7 and 8, 1971. 1971. iii+111 p. † ● Item 1039
L.C. card 70–614442 Y 4.F 76/2 : R 34

*For Sale by Superintendent of Documents
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‡Official Use. Not Available

16500 United Nations, the world as a developing country, report by Claiborne Pell, Rhode Island, Jacob Javits, New York, members of delegation of United States to 25th session of General Assembly of United Nations; June 1971. v+114 p. (Committee print, 92d Congress, 1st session.) †
L.C. card 75-614671 Y 4.F 76/2: Un 35/19

Government Operations Committee, Senate
Washington, DC 20510

16501 Fraud and corruption in managment of military club systems, illegal currency manipulations affecting South Vietnam, hearings before Permanent Subcommittee on Investigations, 92d Congress, 1st session, pursuant to S. Res. 31 sec. 4, 92d Congress.
pt. 8. Mar. 16 and 17, 1971, including index. 1971. vii+1793-2101 p. * Paper, $1.25. ● Item 1037
L.C. card 72-604494 Y 4.G 74/6: F 86/2/pt.8

16502 Organized crime, stolen securities, hearings before Permanent Subcommittee on Investigations, 92d Congress, 1st session, pursuant to sec. 4, Senate resolution 31, 92d Congress.
pt. 2. June 17-29, 1971. 1971. iv+275-555 p. * Paper, $1.25 ● Item 1037
L.C. card 73-614101 Y 4.G 74/6: C 86/2/pt.2
pt. 3. July 20-28, 1971. 1971. iii+557-892 p. il. 1 pl. * Paper, $1.50 ● Item 1037
L.C. card 73-614101 Y 4.G 74/6: C 86/2/pt.3

16503 [This entry number not used].

Interior and Insular Affairs Committee, Senate
Washington, DC 20510

16504 Alaska Native land claims, hearings, 92d Congress, 1st session, on S. 35, S. 835, and S. 1571.
pt. 3. Appendix, Feb. 18-Apr. 29, 1971. 1971. v+20 p. † ● Item 1040
L.C. card 75-611917 Y 4.In 8/13: Al 1/21/971/pt.3

16505 Clear-cutting practices on national timberlands, hearings before Subcommitte on Public Lands, 92d Congress, 1st session, on management practices on public lands. † ● Item 1040 Y 4.In 8/13: T 48/7/pt. (nos.)
pt. 1. Apr. 5 and 6, 1971. 1971. v+1-542 p. il.
L.C. card 72-614673
pt. 2. Apr. 7, 1971. 1971. vii+543-804 p. il.
L.C. card 72-614673
pt. 3. May 7 and June 29, 1971. 1971. iv+805-1274 p. il.
L.C. card 72-614673

[Committee hearing] serial, 92d Congress.

16506 1. President's energy message, hearing, 92d Congress, 1st session, pursuant to S. Res. 45, national fuels and energy policy study, June 15, 1971. 1971. v+271 p. il. † ● Item 1040
L.C. card 73-614482 Y 4.In 8/13: 92-1

16507 Compact to conserve oil and gas, hearing before Subcommittee on Minerals, Materials, and Fuels, 92d Congress, 1st session, on S.J. Res. 72, June 17, 1971. 1971. iii+27 p. † ● Item 1040
L.C. card 75-614698 Y 4.In 8/13: Ol 5/7

16508 Establish additional Assistant Secretary of Interior, hearing, 92d Congress, 1st session, on S. 291 and S. 2034, July 15, 1971. 1971. iii+24 p. † ● Item 1040
L.C. card 76-614430 Y 4.In 8/13: In 8/2

16509 Federal financing and investigations of reclamation projects, hearing, before Subcommittee on Water and Power Resources, 92d Congress, 1st session, on S. 24 [and] S. 1026, June 24, 1971. 1971. v+57 p. map † ● Item 1040
L.C. card 72-614665 Y 4.In 8/13: R 24/11

16510 Lincoln Home National Historic Site, hearing before Subcommittee on Parks and Recreation, 92d Congress, 1st session, on S. 480, June 28, 1971. 1971. iii+20 p. ● Item 1040
L.C. card 72-614448 Y 4.In 8/13: L 63/2

16511 Problems of electrical power production in Southwest, hearings, 92d Congress, 1st session, on environmental problems associated with production of electrical power by coal-fired plants in Four Corners region of Southwest U.S. ● Item 1040 Y 4.In 8/13: El 2/2/pt. (nos.)

pt. 4. Durango, Colo., May 27, 1971. 1971. v+1095–1509 p. il. 1 pl. * Paper, $1.75.
L.C. card 71–614331

pt. 5. Page, Ariz., May 28, 1971. 1971. v+1511–1935 p. il. map * Paper, $2.00.
L.C. card 71–614331

Judiciary Committee, Senate
Washington, DC 20510

16512 Eighteen-year-old jurors, hearing before Subcommittee on Improvements in Judicial Machinery, 92d Congress, 1st session on S. 1975, July 29, 1971. 1971. iii+37 p. † ● Item 1042
L.C. card 79–614700 Y 4.J 89/2: J 97/11

16513 Juvenile delinquency, hearings before Subcommittee to Investigate Juvenile Delinquency, 91st Congress, 1st session, pursuant to S. Res. 48.

pt. 20. Conditions in juvenile and young offender institutions, Mar. 3, 1969–Oct. 8, 1970. 1971. xvi+4691–6256 p. il. † ● Item 1042
L.C. card 59–61459 Y 4.J 89/2: J 98/39/pt.20

16514 Public Counsel Corporation, hearings before Subcommittee on Administrative Practice and Procedures, 92d Congress, 1st session on S. 1423, pt. 2, Mar. 30, 1971. 1971. iii+361–717 p. † ● Item 1042
L.C. card 70–611184 Y 4.J 89/2: P 96/2/pt.2

Labor and Public Welfare Committee, Senate
Washington, DC 20510

16515 Drug dependence, extent of problem and treatment modalities, hearings, before Subcommittee on Alcoholism and Narcotics, 92d Congress, 1st session, May 5–7, 1971. 1971. iv+270 p. † ● Item 1043
L.C. card 79–614542 Y 4.L 11/2: D 84/8

16516 Full opportunity and national goals and priorities act, hearing before Special Subcommittee on Evaluation and Planning of Social Programs, 92d Congress, 1st session, on S. 5, July 13, 1971. 1971. iii+190 p. † ● Item 1043
L.C. card 73–614554 Y 4.L 11/2: F 95/2

16517 Health care crisis in America, 1971, hearings before Subcommittee on Health, 92d Congress, 1st session. † ● Item 1043
Y 4.L 11/2: H 34/21/pt. (nos.)

pt. 6. Apr. 7, 1971. 1971. iv+1233–1549 p. il.
L.C. card 77–614137

pt. 7. New York, N.Y., Apr. 14, 1971. 1971. iv+1551–1726 p.
L.C. card 77–614137

pt. 8. Apr. 15, 1971. 1971. v+1727–1979 p. il. [Hearings held in Hempstead, Long Island, N.Y., and Mount Kisco, N.Y.]
L.C. card 77–614137

pt. 9. Apr. 19–May 4, 1971. 1971. vi+1981–2222 p. il. [Hearings held in Kingwood, W. Va., Nashville, Tenn. and Cleveland, Ohio.]
L.C. card 77–614137

pt. 10. May 5–14, 1971. 1971. v+2223–2391 p. [Hearings held in Chicago, Ill., Des Moines, Iowa, and Denver, Colo.]
L.C. card 77–614137

pt. 11. May 17 and 18, 1971. 1971. v+2393–2635 p. [Hearings held in San Francisco and Los Angeles, Calif.]
L.C. card 77–614137

16518 [This entry number not used].

16519 [This entry number not used.]

16520 [This entry number not used.]

16521 Military drug abuse, 1971, hearings before Subcommittee on Alcoholism and Narcotics, 92d Congress, 1st session, June 9 and 22, 1971. 1971. vi +408 p. il. † ● Item 1043
L.C. card 73–614483 Y 4.L 11/2: D 84/7

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16522 Narcotics and alcoholism, 1971, hearings before Subcommittee on Alcoholism and Narcotics, 92d Congress, 1st session.
pt. 2. May 17 and June 25, 1971. 1971. iv+603–719 p. il. [Hearings held in Chicago, Ill., and New York, N.Y.] † ● Item 1043
L.C. card 79–612469 Y 4.L 11/2 : Al 1/2/971/pt.2

16523 Nomination, hearing, 92d Congress, 1st session, on Joseph H. Blatchford, of California, to be director of Action, July 29, 1971. 1971. ii+47 p. † ● Item 1043
L.C. card 74–614443 Y 4.L 11/2 : N 72/5/971–10

16524 Physicians training facilities and health maintenance organizations, hearings before Subcommittee on Health, 92d Congress, 1st session, on S. 935, S. 703, S. 837, S. 1182, S. 1301.
pt. 1. July 20 and 21, 1971. 1971. iv+458 p. † ● Item 1043
L.C. card 71–614437 Y 4.L 11/2 : P 56/pt.1

16525 Private welfare and pension plan study, 1971, hearings before Subcommittee on Labor, 92d Congress, 1st session.
pt. 1. July 27–29, 1971. 1971. v+391 p. il. † ● Item 1043
L.C. card 71–614488 Y 4.L 11/2 : W 45/7

Nutrition and Human Needs, Select Committee on, Senate
Washington, DC 20510

16526 Nutrition and human needs, 1971, hearings, 92d Congress, 1st session.
pt. 4. Implementation, 1970 amendments to National school lunch act, May 3 and 4, 1971. 1971. v+1037–1274 p. il. * Paper, $1.00. ● Item 1009
L.C. card 70–613918 Y 4.N 95 : N 95/971/pt.4

Public Works Committee, Senate
Washington, DC 20510

[Committee hearings] serial, 92d Congress.

16527 H4. National economic development program, hearings before Subcommittee on Economic Development, 92d Congress, 1st session. † ● Item 1045
Y 4.P 96/10 : 92–H(nos.)
pt. 3. Possible new approaches to economic development legislation, Apr. 14–Apr. 19, 1971. 1971. x+1561–2651 p. il. [Hearings held in Seattle, Wash., Fairbanks, Anchorage, Bethel and Nome, Alaska.]
L.C. card 71–612467

16528 H22. Governmental response to California earthquake disaster of Feb. 1971, hearings, 92d Congress, 1st session, June 10–12, 1971. 1971. viii+985 p. il. [Hearings held in San Fernando, Calif.]
L.C. card 71–614697

16529 H23. Consolidated Federal Law Enforcement Training Center, Beltsville, Md., hearings before Subcommittee on Public Buildings and Grounds, 92d Congress, 1st session, July 15 and 22, 1971. iv+128 p. il.
L.C. card 74–614435

16530 H25. Water resource projects of Corps of Engineers, hearing before Subcommittee on Flood Control, Rivers and Harbors, 92d Congress, 1st session, July 28, 1971. 1971. iii+43 p.
L.C. card 71–614429

16531 Omnibus water resources authorizations, 1970, hearings before Subcommittee on Flood Control, Rivers and Harbors, 91st Congress, 2d session, Apr. 15–Sept. 16, 1970. 1970. xii+1095 p. il. map †
L.C. card 76–614674 Y 4.P 96/10 : W 29/10

Small Business, Select Committee on, Senate
Washington, DC 20510

16532 Advertising of proprietary medicines, hearings before Subcommittee on Monopoly, 92d Congress, 1st session, on effect of promotion and advertising of over-the-counter drugs on competition, small business, and health and welfare of the public.
pt. 1. Introduction, analgesics, May 25–June 17, 1971. 1971. vi+423 p. il. * Paper, $1.75 (S/N 5270–1200). ● Item 1049
L.C. card 77–614484 Y 4.Sm 1/2 : M 46/pt.1

16533 Impact of crime on small business, 1970–71, hearings, 92d Congress, 1st session.

pt. 4. Cargo theft, joint conference proceedings of Department of Transportation and Transportation Association of America Joint Conference on Cargo security crisis, meeting the challenge, June 17–18 and July 6–7, 1971 (app. to pt. 3). 1971. vi+811–1148 p. * Paper, $1.25. ● Item 1049
L.C. card 77–613732 Y 4.Sm 1/2 : C 86/3/970–71/pt.4

16534 [This entry number not used.]

Veterans' Affairs Committee, Senate
Washington, DC 20510

16535 Veterans' direct loans and group mortgage insurance, hearing, before Subcommittee on Housing and Insurance, 92d Congress, 1st session, July 13, 1971. 1971. iii+96 p. † ● Item 1046–A
L.C. card 73–614546 Y 4.V 64/4 : L 78

CONSUMER AND MARKETING SERVICE, Agriculture Dept.
Washington, DC 20250

16536 Beef carcass inspection program. July 1971. cover title, 1+93 p. il. 4° (Meat and Poultry Inspection Program.) [Issued with perforations.] † ● Item 24–P A 88.6/4 : B 39

16537 Cotton quality crop of 1970. Sept. 1971. cover title, 59 p. il. 4° ([United States quality report for ginning], v. 44, no. 8; Cotton Division.) [Text on p. 2 of cover.] † Consumer and Marketing Service Market News Section, Cotton Division, P.O. Box 17723, Memphis, TN 38117
A 88.11 : 44/8

16538 List of plants operating under USDA poultry and egg grading and egg products inspection programs. Sept. 1971. 44 p. 4° (Poultry Division.) † ● Item 40–B–1 A 88.15/23 : 971

16539 Summary of cotton fiber and processing test results, crop of 1970. Mar. 1971. cover title, 3–129 p. il. 4° (Cotton Division.) †
A 88.11/17–2 : 970

16540 United States standards for grades of canned fruit cocktail, effective Aug. 5, 1971. 2d issue as amended. [1971.] [2]+8 p. 4° [Supersedes standards which have been in effect since Aug. 17, 1953.] †
A 88.6/2 : F 943/4/971

16541 United States standards for grades of canned ripe olives, effective Sept. 1, 1971. 2d issue, as amended. [1971.] [2]+11 p. 4° [Published in Federal register, Oct. 15, 1959. Supersedes standards which have been in effect since Sept. 2, 1966.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, U.S. Department of Agriculture, Washington, DC 20250 A 88.6/2 : Ol 4/971

CONSUMER PRODUCT INFORMATION COORDINATING CENTER,
General Services Administration, Washington, DC 20405

NOTE.—The Consumer Product Information Coordinating Center was established within the General Services Administration by Executive order 11566, approved Oct. 26, 1970.

16542 Consumer product information, index of selected Federal publications of consumer interest. [1971.] 15 p. [Prepared in cooperation with Office of Consumer Affairs, Executive Office of the President.] † ● Item 580–B GS 11.9 : 971

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16543 Catalog of copyright entries, 3d series, v. 24. * Paper, $50.00 (including semiannual issues of pts. 1–13); $12.50 additional for foreign mailing.
L.C. card 6–35347 LC 3.6/5 : v.24/pt.12–13/no.2

pt. 12–13. Motion pictures and filmstrips, no. 2, July-Dec. 1970. 1971. viii+73–148+[1] p. 4° ● Item 800

NOTE.—Parts 12–13 also sold separately on subscription. * Paper, $5.00 a yr., $1.25 additional for foreign mailing; single copy, $2.50.

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16544 2. Publications of Copyright Office. [July 1971.] [1]+7 p. narrow 8° † ● Item 802-A LC 3.4/2:2/2

CUSTOMS BUREAU, Treasury Dept.
Washington, DC 20226

16545 Customs regulations of United States. 1971 reprint. [954] p. 4° [Code of Federal regulations, title 19, chap. 1. This reprinting cumulates sets of revised pages; 1 through 129 of 1954 printing. Issued in looseleaf form.] * Paper, $13.00 (including 1971 reprint and revised pages beginning with 130th set for an indefinite period); $3.00 additional for foreign mailing. ● Item 948
L.C. card 78-614791 T 17.9:971

16546 132nd set revised pages to Customs regulations through June 1971. 1971. [53] p. 4° [Includes amendments made by Treasury decisions 71-133 through 71-158. Issued in looseleaf form.] * Paper, $13.00 (including basic book and revised pages for an indefinite period); $3.50 additional for foreign mailing ● Item 948-A T 17.9:971/rev.pages 132

16547 U.S. customs trademark information. [1971.] 12 p. il. narrow 8° * Paper, $6.75 per 100; single copy 10c. (S/N 4802-0025). ● Item 950
T 17.2:T 67/971

DEFENSE DEPARTMENT
Washington, DC 20301

16548 Annual report of Defense Supply Agency, fiscal year 1970. [1971.] cover title, iv+67 p. il. narrow 8° * Paper, 35c. ● Item 314-M
D 7.1:970

Defense Supply Agency handbook DSAH (series).

16549 4215.52. Industrial plant equipment handbook: FSC 3417, Milling machines. Aug. 1971. cover title, iii+167 p. 4° (SB 708-3417-1; [Navy Dept.] NAVSUP Pub. 5555; [Air Force Dept.] AFM 78-57; [Marine Corps] MCO P4870.60.) [Issued with perforations. Supersedes all FSC 3417 items previously published in Production Equipment Director D1, 1960 revision and supp. DSAH 4215.3/SB 708-3400-1/NAVSANDA Pub. 5501/MCO P4870.7/AFM 78-42, Feb. 17, 1966.] * Paper, $1.50 (S/N 0807-1722) ● Item 314-A D 7.6/7:4215.52

16550 Federal item identification guide: Anodes. Change 2. June 5, 1970. cover title, [28] p. 4° (FIIG A252, change 2, Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. ● Item 314-A D 7.6/4:An 7/ch.2

16551 —— Antenna, July 18, 1969, Change 2. Sept. 17, 1971. [21] p. 4° (FIIG A074: Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314-A
D 7.6/4:An 8/ch.2

16552 —— Antenna parts, June 26, 1970, Change 2. Oct. 1, 1971. [25] p. 4° (FIIG A120; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. ● Item 314-A D 7.6/4:An 8/2/ch.2

16553 —— Bands, markers, plates and signs, July 24, 1970, Change 2. Sept. 17, 1971. [24] p. 4° (FIIG A178: Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314-A D 7.6/4:B 22/ch.2

16554 —— Chemical analysis instruments, Apr. 16, 1971, Change 1. Aug. 31, 1971. [22] p. il. 4° (FIIG T149, Change 1; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 35c. ● Item 314-A D 7.6/4:C 42/ch.1

16555 —— Electrical/electronic groups, sets, and assemblies, Dec. 26, 1969, Change 1. Oct. 1, 1971. [39] p. 4° (FIIG T136; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 40c. ● Item 314-A D 7.6/4:El 2/3/ch.1

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16556 Federal item identification guide: Electron tubes and associated hardware. Aug. 21, 1970. Change 1. Oct. 1, 1971. [26] p. 4° (FIIG T326; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. ●Item 314–A
D 7.6/4: E1 2/6/ch.1

16557 —— Handles, Mar. 26, 1971, Change 1. July 26, 1971. [3] p. 4° (FIIG T380; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 10c. ● Item 314–A
D 7.6/4: H 19/2/ch.1

16558 —— Indicators, general, Mar. 26, 1971, Change 1, Sept. 24, 1971. [48] p. 4° (INTERIM FIIG T128; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 45c. ● Item 314–A D 7.6/4: In 2/6/ch.1

16559 —— Lamps, Apr. 4, 1969, Change 2. Sept. 29, 1971. [33] p. 4° (FIIG A079; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 35c. ● Item 314–A
D 7.6/4: L 19/ch.2

16560 —— Lubricating oils, Apr. 25, 1969, Change 2. Oct. 12, 1971. [20] p. 4° (FIIG T003; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314–A D 7.6/4: L 96/ch.2

16561 —— Miscellaneous communication equipment, Oct. 16, 1970, Change 1. Oct. 1, 1971. [46] p. 4° (FIIG T213; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 45c. ● Item 314–A D 7.6/4: C 73/3/ch.1

16562 —— Miscellaneous controls, Aug. 28, 1970, Change 1. Sept. 20, 1971. [44] p. 4° (FIIG T121, Change 1; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 45c. ● Item 314–A D 7.6/4: M 68/ch.1

16563 —— Radar equipment, Mar. 6, 1970, Change 2. Sept. 24, 1971. [34] p. 4° (FIIG T208; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 35c. ● Item 314–A D 7.6/4: R 11/ch.2

16564 —— Radio and television communication equipment, May 1, 1970, Change 1. Oct. 1, 1971. [35] p. 4° (FIIG T198; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 35c. ● Item 314–A D 7.6/4: R 11/2/ch.1

16565 —— Sets, kits, and outfits, Aug. 7, 1970, Change 2. Sept. 21, 1971. [23] p. 4° (FIIG A238; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314–A D 7.6/4: Se 7/ch.2

16566 —— Switch, nonrotary, Sept. 19, 1969. Change 1. Oct. 1, 1971. [36] p. 4° (FIIG A053; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 35c. ● Item 314–A D 7.6/4: Sw 6/2/ch.1

16567 —— Switches, RF transmission line and waveguide, June 5, 1970, Change 2. Sept. 22, 1971. [28] p. il. 4° (FIIG A158, Change 1; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 25c. ● Item 314–A D 7.6/4: Sw 6/3/ch.2

16568 —— Waveguide, Nov. 14, 1969, Change 3. Oct. 12, 1971. [24] p. 4° (FIIG A073; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 20c. ● Item 314–A
D 7.6/4: W 36/ch.3

16569 Federal supply classification listing of DoD standardization documents; July 1, 1971. [1971.] viii+563 p. 4° [Issued in looseleaf form. Supersedes index dated July 1, 1970 and supplement dated May 1, 1971.] * Paper, $10.00 (including basic book and supplementary material for an indefinite period); $2.50 additional for foreign mailing.) ● Item 314–G
D 7.14/2: 971

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16570 Index of specifications and standards; July 1, 1971. [1971.] [Issued in looseleaf form. Supersedes index dated July 1, 1970 and supplement dated May 1, 1971.] * Paper, $20.00 (including basic issues pts. 1 and 2 with cumulative bimonthly supplements for each part for an indefinite period); $5.00 additional for foreign mailing. ● Item 314–G
D 7.14: 971/pt.1,2

pt. 1. Alphabetical listing. viii+500 p. 4°
pt. 2. Numerical listing. ix+A578+B58 p. 4°

16571 [This entry number not used.]

Military standard MIL–STD (series). [Issued with perforations.] ‡ ● Item 314–J
D 7.10: (nos.)

16572 188–300. Standards for long haul communications, system design standards, applicable to defense communications system. July 15, 1971. viii +124 p. il. 4° (SLHC.)

16573 188–315. Standards for long haul communications, subsystem design/engineering and equipment, technical design standards for wire systems. July 30, 1971. [1]+xiii+139 p. il. 4° (SLHC.)

16574 690B. Failure rate sampling plans and procedures, notice 1. Aug. 12, 1971. [10] p. 4° (Project MISC–0635.)

16575 1377 (NAVY). Effectiveness of cable, connector, and weapon enclosure shielding and filters in precluding hazards of electromagnetic radiation to ordnance, measurement of. Aug. 20, 1971. v+29 p. 4° (FSC MISC.)

16576 1488. Provisions for evaluating quality of trousers, notice 1. Sept. 8, 1971. 1 p. 4° (FSC 8405.)

16577 MILSCAP, operational test plan, supp. 2; Nov. 1971. [1971.] cover title, [1]+71 p. 4° (DoD 4105.63–M; Office of Assistant Secretary of Defense, Installations and Logistics.) [Issued in looseleaf form.] * Paper, 75c. ● Item 314–A
D 7.6/4: M 59/3/supp.2

16578 MILSTRIP, military standard requisitioning & issue procedures. Oct. 1971. cover title, [319] p. 4° (DoD 4140.17–M basic; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form. Supersedes basic DoD 4140.17–M, MILSTRIP, May 1, 1964, Formal changes 1–25, and interim changes 1–71–12–71.] * Paper, $2.50 ● Item 314–A
D 7.6/4: M 59/971

16578A [MILSTRIP], supp. 2, Military assistance program address directory. Sept. 1971. [379] p. 4° (DoD 4140.17–M; Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued in looseleaf form. Supersedes DoD 4140.17–M, supp. 2, Sept. 2, 1970 and changes 1–11.] * Paper, $3.25 (S/N 0807–1724) ● Item 314–A
D 7.6/4: M 59/supp.2/rev.–5

16578B [MILSTRIP], supp. 2, Military assistance program address directory, Sept. 1971, Change 1, Oct. 1, 1971. [67] p. 4° (DoD 4140.17–M; Defense Supply Agency.) [Issued in looseleaf form.] * Paper, 60c. ● Item 314–A
D 7.6/4: M 59/supp.2/rev.–5/ch.1

16579 MILSTRIP, supp. 4, Project codes. Oct. 1971. [41] p. 4° (DoD 4140.17–M; Office of Assistant Secretary of Defense (Installations & Logistics).) [Issued in looseleaf form.] * Paper, 40c. ● Item 314–A
D 7.6/4: M 59/supp.4

16580 Personal property traffic management regulation, May 1, 1971, Change 1. Aug. 19, 1971. [64] p. il. 4° (DoD 4500.34–R.) [Issued with perforations. Supersedes AR 743–455, DoD 4145.16–R, NAVSANDA pub 297, AFR 67–61, NAVMC 1133 (Rev. 1–60), Sept. 1, 1960 including all changes and AR 55–48, DSAR 4500.2, AFR 75–35, MCO P4600.12, Apr. 8, 1963.] ‡ ● Item 309
D 1.6: P 43/ch.1

16581 Personal property traffic management regulation, May 1, 1971, Change 2, Aug. 26, 1971. [12] p. 4° (DoD 4500.34–R; Military Traffic Management and Terminal Service.) [Issued in looseleaf form.] ‡ ● Item 309
D 1.6: P 43/ch.2

DOMESTIC COMMERCE BUREAU, Commerce Dept.
Washington, DC 20230

16582 Publications for business. [Sept. 1971.] cover title, 15 p. narrow 8° †
● Item 215-E C 41.12 : P 96/4/971

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President
Washington, DC 20506

Community profiles. (Information Center.) Φ Paper, each, $6.00.

16583 Flathead County, Mont. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : F 61
16584 Jackson County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : J 13/13
16585 Jefferson County, Mont. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : J 35/15
16586 Jenkins County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : J 41
16587 Johnson County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : J 63/7
16588 Jones County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : J 71/5
16589 Lamar County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : L 16/3
16590 Lanier County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : L 27
16591 Laurens County, Ga. [1968.] cover title, 48 p. 4° [Page CP-048 is blank but no text is missing.] PrEx 10.9/5 : L 37/2
16592 Lewis and Clark County, Mont. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : L 58/5
16593 Mineral County, Mont. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : M 66/4
16594 Musselshell County, Mont. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : M 97/3
16595 Paulding County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : P 28/4
16596 Peach County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : P 31/2
16597 Petroleum County, Mont. [1968.] cover title, 45 p. 4° PrEx 10.9/5 : P 44
16598 Pickens County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : P 58/3
16599 Pierce County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : P 59
16600 Quitman County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : Q 4/2
16601 Rabun County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : R 11
16602 Randolph County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : R 15/5
16603 Richmond County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : R 37/2
16604 Rockdale County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : R 59/6
16605 Schley County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : Sch 3
16606 Screven County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : Scr 6
16607 Seminole County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : Se 5/3
16608 Spalding County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : Sp 1
16609 Stephens County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : St 4/5
16610 Stewart County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : St 4/6
16611 Sumter County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : Su 6/6
16612 Talbot County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : T 14/4
16613 Taliaferro County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : T 14/5
16614 Tattnall County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : T 18/2
16615 Taylor County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : T 21/3
16616 Telfair County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 23/2
16617 Terrell County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : T 27
16618 Thomas County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 36/3
16619 Tift County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 44
16620 Toole County, Mont. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 61/2
16621 Toombs County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 61/3
16622 Towns County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : T 66/2
16623 Treutlen County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 72
16624 Troup County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 75
16625 Turner County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 85/2
16626 Twiggs County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : T 92
16627 Union County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : Un 3/9
16628 Upson County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : Up 7
16629 Walker County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 15/3
16630 Walton County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 17/3
16631 Ware County, Ga. [1968.] cover title, 48 p. 4° PrEx 10.9/5 : W 22
16632 Warren County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 25/9
16633 Washington County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 27/17
16634 Wayne County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 36/11
16635 Webster County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 39/5
16636 Wheeler County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 56/3
16637 White County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 58/2
16638 Whitfield County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 58/3
16639 Wilcox County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 64/2
16640 Wilkes County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 65/4
16641 Wilkinson County, Ga. [1968.] cover title, 46 p. 4° PrEx 10.9/5 : W 65/5
16642 Worth County, Ga. [1968.] cover title, 47 p. 4° PrEx 10.9/5 : W 89/3

*For Sale by Superintendent of Documents
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ECONOMIC RESEARCH SERVICE, Agriculture Dept.
Washington, DC 20250

Agricultural economic reports. ● Item 42-C A 93.28:(nos.)

16643 154. Supplying U.S. markets with fresh winter produce, capabilities of U.S. and Mexican production areas, supplement; [by C. John Fliginger and others]. [1971.] vi+25 p. 4° [Prepared in cooperation with Foreign Agricultural Service.] * Paper, 25c.
L.C. card 75-614462

16644 212. Cotton production and farm income estimates under selected alternative farm programs; [by P. L. Strickland and others]. [Sept. 1971.] vi+33 p. il. 4° * Paper, 35c.
L.C. card 79-614368

16645 213. Structure of U.S. sweetener industry; [by Roy A. Ballinger]. [Sept. 1971.] iv+34 p. il. 4° * Paper, 35c.
L.C. card 75-614509

16646 214. Economic models for cotton ginning; [by Zolon M. Looney and Charles A. Wilmot]. Oct. 1971. iii+48 p. il. 4° * Paper, 55c.
L.C. card 71-614792

Costs and returns FCR (series). ([Farm Production Economics Division.])

16647 80. Costs and returns, Northwest cattle ranches; by Wylie D. Goodsell and Macie J. Belfield. June 1971. [2]+6 p. il. 4° † A 93.9/11:80

ERS-(series).

16648 477. Vertical and horizontal integration in market egg industry 1955-69 [with list of literature cited; by George B. Rogers]. [May 1971.] iv+27 p. il. 4° † A 93.21:477

ERS-foreign (series). † ● Item 76-G A 93.21/2:(nos.)

16649 267. 1971 agricultural data book for Far East and Oceania. Revised Sept. 1971. [1971.] cover title, vi+135 p. 4° ([Far East Branch, Foreign Regional Analysis Division.])

16650 322. High-yielding varieties of wheat in developing countries [with list of literature cited; by Sheldon K. Tsu]. [Sept. 1971.] vi+40 p. il. 4°
L.C. card 71-614603

Foreign agricultural economic report.

16651 74. Use of wheat for feed in European Economic Community with projections to 1975 [with bibliography; by Reed E. Friend]. [Aug. 1971.] cover title, viii+81 p. il. 4° ([Foreign Regional Analysis Division.]) [Text on p. 2 of cover.] † ● Item 42-B
L.C. card 74-614451 A 93.27:74

16652 Rice situation. Sept. 1971. 19 p. il. 4° (RS-18.) † ● Item 21-P
A 93.11/3:18

EDUCATION OFFICE, Health, Education, and Welfare Dept.
Washington, DC 20202

16653 Administration of Public laws 81-874 & 81-815, [as amended], 20th annual report of Commissioner of Education, June 30, 1970; [prepared by Division of School Assistance in Federally Affected Areas]. [1971.] vi+213 p. il. 4° (OE 22003-70.) * Paper, $2.00 (S/N 1780-0819). ● Item 460-A-22 HE 5.222:22003-70

16654 Cooperative education programs, fiscal year 1972, academic year July 1, 1972-June 30, 1973, instructions and application forms for submitting a proposal. [Sept. 15, 1971.] [5]+10 p.+[10] leaves, 4° † ● Item 461-A (Rev.) HE 5.2:C 78/3

16655 COP'S cause for celebration; [by Wilton Anderson]. [1971.] [11] p. il. 4° (OE-72-5.) [Reprinted from American education, July 1971.] * Paper, 15c. ● Item 460-A-58 HE 5.258:58045

16656 Educational opportunity grant program manual, 1971. First printed Mar. 1967, revised Sept. 1971. [1971.] [125] p. il. 4° (Bureau of Higher Education.) † ● Item 461-A (Rev. 1965) HE 5.6/2:G 76/4/971

16657 Eligible institutions guaranteed student loan program, Higher education act of 1965 as amended. July 1971. [3]+131 p. 4° (OE-55059; Bureau of Higher Education, Division of Insured Loans.) * Paper, $1.25. ● Item 460-A-55 HE 5.255:55059

16658 Fall enrollment in higher education, 1970, supplementary information, institutional data; by George H. Wade. [1971.] v+159 p. 4° (DHEW publication (OE) 72-23; National Center for Educational Statistics.) *Paper, $1.25. ● Item 460-A-54 HE 5.254 : 54051-70

16659 Federally insured student loans, low-interest, deferred repayment, educational loans. [1971.] [6] p. folded into narrow 8° size. † ● Item 461 (Rev. 1965) HE 5.2 : St 9/2

16660 [Guide to OE-administered programs, fiscal year 1972.] [1971.] [8] p. 4° (OE-11015-72.) [Reprinted from American education, Aug.-Sept. 1971.] * Paper, 20c. ● Item 460-A-11 HE 5.211 : 11015-72

16661 How to use ERIC, Educational Resources Information Center. [June 1969, revised May 1971.] [1971.] cover title, 14 p. il. oblong 8° ([OE-12037-D.]) * Paper, 35c. (S/N 1780-0796) ● Item 460-A-12 HE 5.212 : 12037-D

16662 Modifying disadvantaged students' perceptions of office work [with list of references; by] Harry Huffman, Clyde Welter, Maria Peterson, Aug. 1971. vi+93 p. il. 4° [Final report on project conducted under Project 7-0158, Grant OEG-3-7-000158-2037. Issued by Center for Vocational and Technical Education, Ohio State University, Columbus, Ohio as Research and development series 51.] * Paper, $1.00 ● Item 461 (Rev. 1965)
L.C. card 79-614849 HE 5.2 : D 63/4

16663 New thrusts in vocational education. [1971.] vi+19 p. il. 4° (OE 80074; National Center for Educational Research and Development.) * Paper, 35c. (S/N 1780-0777). ● Item 460-A-80 HE 5.280 : 80074

16664 Noncredit activities in institutions of higher education 1967-68 registration; by Florence B. Kemp. [1971.] viii+39 p. il. 4° (DHEW publication (OE) 72-13; National Center for Educational Statistics.) [At head of title on cover: Continuing education. Text on p. 2 and 3 of cover.] * Paper, 50c. ● Item 460-A-13 HE 5.213 : 13036-68

PREP [report].

16665 24. School-community relations and educational change [with annotated bibliography]. [1971.] cover title, i+52 p. 4° * Paper, 55c. ● Item 461-C HE 5.89 : 24

16666 Regional project research, 4 year summary, July 1, 1966-June 30, 1970; prepared by Regional Research Program. [1971.] iv+83 p. 4° (OE-12055; National Center for Educational Research and Development.) † ● Item 460-A-12
L.C. card 79-614873 HE 5.212 : 12055

16667 Report on Federal predoctoral student support: pt. 2, Students supported under training grants of National Institutes of Health and National Institute of Mental Health; by Federal Interagency Committee on Education, Student Support Study Group. Apr. 1971. v+18+[28] p. 4° (OE-55060.) † ● Item 460-A-55
L.C. card 73-614739 HE 5.255 : 55060

16668 Research and training opportunities abroad, 1972-73; higher education programs in foreign language and area studies. [1971.] iv+32 p. ([OE 14134-73]; Institute of International Studies.) * Paper, 25c. (S/N 1780-0815). ● Item 460-A-14 HE 5.214 : 14134-73

16669 Statistics of local public school systems fall 1969, pupils and staff; by Warren A. Hughes. [1971.] vi+159 p. (DHEW publication (OE) 72-14; National Center for Educational Statistics.) [At head of title on cover: Elementary and secondary education. Includes list of related NCES publications on p. 3 of cover.] * Paper, $1.50. ● Item 460-A-20 HE 5.220 : 20112-69

16670 Statistics of State school systems, 1967-68; by Richard H. Barr and Geraldine J. Scott. [Dec. 1970.] viii+98 p. il. 4° (OE-20020-68.) [Text on p. 2 of cover.] * Paper, $1.00 (S/N 1780-0845). ● Item 460-A-20 HE 5.220 : 20020-68

*For Sale by Superintendent of Documents
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ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Supt. of Documents or by Division and District Engineers in other cities, should be addressed to the Department of the Army, Office of Chief of Engineers, Publications Depot, 4300 Wheeler Ave., Alexandria, VA 22304.

Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Research report.

16671 295. Analysis of nondestructive sensing of water content by microwaves [with selected bibliography; by] Pieter Hoekstra and Patrick Capillino. July 1971. iii+17 p. il. 4° [DA project 4A061101A91D03.] ‡
D 103.33/3 :295

—— Special report.

16672 160. Air and water temperatures and ice conditions on Connecticut River [with list of literature cited; by] Michael A. Bilello and Barrell Smith. July 1971. iii+9 p. il. 4° [DA project 4A062112A894; DA task 1T061102B52A02.] ‡ D 103.33/2 : 160

16673 CRREL in Alaska, annual report 1970, account of work performed in Alaska during 1970 by Army Cold Regions Research and Engineering Laboratory [with bibliography]. July 1971. ii+39 p. il. oblong 8° †
D 103.33/8 : 970

Waterways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

—— Miscellaneous paper.

16674 4-355. Trafficability predictions in tropical soils: Report 8, Costa Rica study no. 2, Jan. 1964–Sept. 1965 [with list of literature cited]; by A. R. McDaniel [and] M. H. Smith. Army-MRC Vicksburg, Miss. Aug. 1971. [216] p. il. 4° [Sponsored by U.S. Army Materiel Command. Project 1-T-O-62103-A-046, task 02.] D 103.24/4 : 4-355/rp.8

—— Technical reports. D 103.24/2 : (nos.)

16675 S-71-10. Evaluation of anchors used to secure membrane surfacings [with list of literature cited]; by R. H. Grau. Army-MRC Vicksburg, Miss., July 1971. xi+22+[24] p. il. 4° [Sponsored by U.S. Army Materiel Command project 1G664717D556, task 02.]

16676 S-71-11. Comparison of performance of experimental membranes, nonskid compounds, adhesives, and earth anchors with regard to C-130 aircraft operational requirements; by T. W. Vollor. Army-MRC Vicksburg, Miss., Aug. 1971. [194] p. il. 4° [Sponsored by U.S. Army Materiel Command project 1T062103A046, task 05.]

ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460

16677 Advances in storm and combined sewer pollution control abatement [with list of references; by Allen Cywin and William A. Rosenkranz]. [1971.] cover title, [3]+23+[4] p. il. 4° † ● Item 431-I-1 EP 1.2 : St 7

16678 Economic realities of reclaiming natural resources in solid waste; by Thomas D. Clark. 1971. iii+12 p. 4° (SW-93ts.j.) † Environmental Protection Agency, 5555 Ridge Ave., Cincinnati, OH 45213 ● Item 487-A-1
L.C. card 75-614848 EP 3.2 : N 21

16679 EPA bulletin. [Biweekly.] † EP 1.3 : (v.nos.& nos.)
v. 1, no. 1— Aug. 15, 1971—

16680 Hydrogeology of solid waste disposal sites in northeastern Illinois, final report on solid waste demonstration grant project [with list of references]; by G. M. Hughes, R. A. Landon, and R. N. Farvolden. 1971. x+154 p .il. 4° (SW-12d.) [Prepared by Illinois State Geological Survey, Urbana, Ill., under demonstration grant GO 6-EC-00006.] * Paper, $1.50 (S/N 5502-0034). ● Item 487-A-1
L.C. card 71-614847 EP 3.2 : H 99

16681 New Chemical concepts for utilization of waste plastics [analytical investigation, with bibliography]; by M. E. Banks, W. D. Lusk, and R. S. Ottinger. 1971. ix+129 p. il. 4° (SW-16c.) [Prepared by TRW Systems Group, Redondo Beach, Calif. under contract PH86-68-206.] * Paper, $1.25 (S/N 5502-0044). ● Item 487-A-1
L.C. card 72-614543 EP 3.2 : P 69/2

*For Sale by National Technical Information Service, Springfield, VA 22151
●Sent to depository Libraries

16682 Southwestern Radiological Health Laboratory: Monthly activities report. †
Dec. 1970– EP 1.13:(date)

16683 Western Environmental Research Laboratory: Monthly activities report. †
June 1971— EP 1.14:(date)

EQUAL EMPLOYMENT OPPORTUNITY COMMISSION
Washington, DC 20506

16684 Hearings before Equal Employment Opportunity Commission on utilization of minority and women workers in certain major industries, held in Houston, Tex., June 2–4, 1970. [1971.] [5]+705 p. † ● Item 1059–A–1
L.C. card 73–614396 Y 3.Eq 2:2 M 66/3/970

EXPORT-IMPORT BANK OF UNITED STATES
Washington, DC 20571

NOTE.—The name of the Export-Import Bank of Washington was changed to Export-Import Bank of United States by Public law 90–267, Mar. 13, 1968.

16685 Export-Import bank act of 1945, as amended through Aug. 17, 1971. [1971.] cover title, [23] p. narrow 8° † ● Item 1060 Y 3.Ex 7/3:5 Ex 7/971

16686 [Fiscal year 1971 report.] [1971.] 78+[1] p. il. 4° * Paper, $1.25 (S/N 5216–0004). ● Item 1061 Y 3.Ex 7/3:1/971

EXTENSION SERVICE, Agriculture Dept.
Washington, DC 20250

16687 Dan and Sue meet the bread and cereal family. Sept. 1971. [4] p. il. 4° [Issued in comic book form.] * Paper, 10c. (S/N 0124–0158).
A 43.2:D 19/2

16688 Dan and Sue meet the vegetable and fruit family. Sept. 1971. [8] p. il. 4° [Issued in comic book form.] * Paper, 10c. (S/N 0124–0159).
A 43.2:D 19

FARMER COOPERATIVE SERVICE, Agriculture Dept.
Washington, DC 20250

FCS research reports. † A 89.19:(nos.)

16689 19. Cooperative bargaining developments in dairy industry, 1960–70, with emphasis on Central United States; [by Ronald D. Knutson]. [Aug. 1971.] cover title, iv+36 p. il. 4°
L.C. card 78–614846

16690 20. Handbook on 20 major regional cooperatives handling supplies, 1968–70; [by J. Warren Mather]. [Sept. 1971.] cover title, 1+59 p. il. 4° [Page 59 on p. 3 of cover.] ● Item 64–A
L.C. card 76–614473

Information (series).

16691 4. List of publications; [compiled by Marjorie B. Christie]. [Revised June 1971.] [1971.] cover title, ii+58 p. ([Division of Information.]) [Page 59 on p. 3 of cover. Text on p. 2 of cover.] † ● Item 65–B A 89.15:4/8

FEDERAL AVIATION ADMINISTRATION, Transportation Dept.
Washington, DC 20553

16692 Aircraft position and anticollision light measurements [with bibliography]. July 29, 1971. cover title, [50] p. il. 4° (Advisory circular AC 20–74.) † ● Item 431–C–4 TD 4.8:Ai 7/23

16693 Airline transport pilot (airplane) written test guide [with list of reference materials]. Revised 1971. [1971.] [3]+63 p. il. 4° ([AC 61–18C.]) * Paper, 75c. ● Item 431–C–4 TD 4.8:P 64/5/971

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16694 FAA publications. [Nov. 1971.] 35 p. † ● Item 431-A-1 TD 4.17 : 971

16695 United States standard flight inspection manual, Change 19. [June 14, 1971.] [61] p. il. 4° (Handbook OA P 8200.1; Army [Dept.] TM 2557-25; Navy [Dept.] NAV WEPS 16-1-520; [Air Force Dept.] AFM 55-8; [Coast Guard] CG-317.) [Cancellation date after changes made. Issued with perforations.] ‡ ● Item 431-C-4 TD 4.8 : F 64/963/rep.2/ch.19

FEDERAL HEALTH PROGRAMS SERVICE, Health, Education, and Welfare Dept., Rockville, MD 20852

16696 Health record administration. [1971.] cover title, 12 p. il. oblong 24° ([Public Health Service publication 71-2008, formerly PHS publication 1416.]) † ● Item 494-C-1 HE 20.2702 : H 35

16697 Proceedings of Public Health Service cooperative studies, Renal disease and hypertension: v. 8, 10th annual conferences, Mar. 1971, Denver, Colo. (Pyelonephritis) and May 1971, Atlantic City, N.J. (Hypertension). [1971.] xi+166 p. 4° ([DHEW publication (HSM 72-2000).]) † ● Item 494-C-1 HE 20.2702 : R 29/v.8

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept. Washington, DC 20591

16698 Emergency application systems for power brake mechanisms of highway trailer combinations, comparison tests of axle-by-axle and vehicle-by-vehicle brake protection systems and emergency application systems; prepared jointly by Interstate Commerce Commission and Public Roads Bureau. Aug. 1970. xii+108 p. il. 4° [Report for Advisory Committee on Motor Vehicle Parts and Accessories, Interstate Commerce Commission.] * Paper, $1.00. ● Item 982-G-5
L.C. card 76-614745 TD 2.2 : Em 3

16699 Federal assistance available when natural disaster damages roads, streets, bridges. Revised July 1971. [1971.] 7+[1] p. il. narrow 8° * Paper, 10c. (S/N 5001-0022). ● Item 982-G-5 TD 2.2 : F 31/3

16700 Manual on uniform traffic control devices for streets and highways. 1971. xix+377 p. il. [Developed with cooperation of American Association of State Highway Officials and National Joint Committee on Uniform Traffic Control Devices. American Association of State Highway Officials, Institute of Traffic Engineers, National Committee on Uniform Traffic Laws and Ordinances, National Association of Counties [and] National League of Cities. Adopted by Federal Highway Administrator as National standard for application on all classes of Highways. Supersedes D6.1-1961. Some illustrations are colored. Issued with perforations.] * Paper, $3.50. (S/N 5001-0021). ● Item 982-G-2
L.C. card 72-614649 TD 2.8 : T 67

16701 Third annual awards competition, 1970, highway and its environment. [May 1971.] [28] p. il. oblong 8° [Some illustrations are colored.] * Paper, 60c. (S/N 5001-0020). ● Item 982-G-3 TD 2.14 : 3

FEDERAL MARITIME COMMISSION Washington, DC 20573

SP (series). † FMC 1.9 : 71-(nos.)

16702 71-20. Can we improve the system? remarks by Aaron W. Reese, Managing Director, Federal Maritime Commission at 4th International Shipping and Containerization Exposition and Congress, Oakland, Calif., Sept. 14, 1971. [1971.] 4+A-7 p. 4°

16703 71-21. Remarks of Commissioner George H. Hearn of Federal Maritime Commission before Los Angeles Area Chamber of Commerce, Los Angeles, Calif., Sept. 15, 1971. [1971.] 11 p. 4°

448-034 O—71——4

FEDERAL POWER COMMISSION
Washington, DC 20426

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

NOTE.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, $12.50 a year, $4.25 additional for foreign mailing; single copy, 25c.

16704 Ohio. July 1971. [2]+40 p. 4° [Supersedes issue of June 1970.] * Paper, 25c. ● Item 437–A–33 FP 1.18 : Oh 3/971

16705 Uniform system of accounts prescribed [for] public utilities and licensees (classes A, B, C, and D) Jan. 1, 1970, transmittal. Mar. 1, 1971. [130] p. [Includes transmittal sheet 1. Issued in looseleaf form.] * Paper, $2.75 (including basic volume and supplementary material for an indefinite period); 75c additional for foreign mailing. ● Item 439
FP 1.7/3 : 970/trans.1

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS
Washington, DC 20551

16706 Financial developments in 2d quarter of 1971. [1971.] p. 639–648, il. 4° [Reprinted from Federal reserve bulletin for Aug. 1971.] †
FR 1.3/a : F 49/10/971–2

16707 Regional growth, migration, and economic progress in Black community, convocation address by Andrew F. Brimmer, Member, Boards of Governors of Federal Reserve System, presented at Bishop College, Dallas, Tex., Sept. 15, 1971. [1971.] [1]+26+[17] p. 4° † FR 1.23 : B 77/72

16708 Structural changes in Canadian-American balance of payments, paper presented by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System before Conference on Canadian-United States Financial Relationships sponsored by Federal Reserve Bank of Boston, at Melvin Village, New Hampshire, Sept. 23, 1971. 1971. [1]+22+[3] p. 4° †
FR 1.23 : B 77/73

FEDERAL SUPPLY SERVICE, General Services Administration
Washington, DC 20405

Federal standards. [Issued with perforations.]

16709 1. Standard for laboratory atmospheric conditions for testing, reinstatement. Aug. 6, 1971. [3] p. 4° (FSC MISC.) [Includes reinstatement notice and text of standard. Supersedes cancellation Mar. 29, 1971.] † ● Item 563
T 58.2 : St 2/2/no.1/reinstate

16710 Federal supply catalog: Stock catalog. Oct. 1971. cover title, xx+398 p. il. 4° ([FSG 13–99.]) [Issued with perforations.] * Paper, $5.00 a yr. (including basic manual and quarterly supplements); $1.25 additional for foreign mailing. ● Item 565–B GS 2.10/6 : 971

FEDERAL TRADE COMMISSION
Washington, DC 20580

Consumer bulletins. ● Item 533–A FT 1.3/2 : (nos.)

16711 6. Look for that label. [1971.] [8] p. il. * Paper, 15c. (S/N 1800–0123).
16712 9. Protection for the elderly. [1971.] [11] p. il. * Paper, 15c. (S/N 1800–0124).

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

16713 Did you really wash your hands? wash thoroughly, sanitize properly, dry carefully before handling food or utensils, clean food production requires clean hands. 1971. 20.4 x 15.5 in. (FDA 72–2014.) * Paper, 10c. (S/N 1712–0132). HE 20.4021 : H 19

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16714 Selected technical publications, Jan.–June 1970, Food and Drug Administration [no. 11, articles, with bibliographies]. [1971.] cover title, x+683 p. il. 4° † ● Item 475–R HE 20.4023 : 11

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.
Washington, DC 20250

[Foreign Agricultural Service, miscellaneous], FAS–M (series). † A 67.26 : (nos.)

16715 234. Contrasts in marketing in major wheat exporting nations; [by Andrew B. Bellingham]. Aug. 1971. cover title, [2]+20 p. il. 4° [Reprint of articles appearing in Foreign agriculture magazine.]

16716 235. Australia's livestock and meat industry; [by Q. Martin Morgan]. Sept. 1971. cover title, ii+37 p. il. 4° (Livestock and Meat Products Division.) ● Item 76–G
L.C. card 73–614597

16717 U.S. import surcharge on agricultural products. Aug. 1971. [100] p. 4° [Issued with perforations.] † A 67.2 : Im 7

FOREIGN DIRECT INVESTMENTS OFFICE, Commerce Dept.
Washington, DC 20230

NOTE.—The Office of Foreign Direct Investments was established by Departmental Order 184 A on January 2, 1968, pursuant to the authority vested in the Secretary of Commerce by Executive Order 11387 of Jan. 1, 1968.

16718 Foreign direct investment program, selected statistics. July 1971. [1]+25 p. 4° † ● Item 232–E–1 C 54.2 : F 76/2

FOREST SERVICE, Agriculture Dept.
Washington, DC 20250

16719 Annotated list of publications of Pacific Northwest Forest and Range Experiment Station, 1970. Portland, Oreg., 1971. cover title, [1]+13 p. 4° † A 13.66/15 : P 96/970

Forest pest leaflets. † ● Item 82–A A 13.52 : (nos.)

16720 22. Lodgepole needle miner [with list of references]; by Thomas W. Koerber and George R. Struble. Revised Sept. 1971. [1971.] 8 p. il.

16721 66. Pine butterfly [with list of references]; by Walter E. Cole. Revised Sept. 1971. [1971.] 3 p. il.

16722 122. Pine engraver, ips pini in Western States [with list of references]; by Charles Sartwell, R. F. Schmitz, and W. J. Buckhorn. July 1971. 5 p. il.

16723 Forest tree nurseries in United States, 1971 report. [1971.] 18 p. 4° † A 13.74 : 971

16724 Ranger 'rithmetic for 3d grade teachers. [Nov. 1966, slightly revised Sept. 1971.] [1971.] 12 p. il. 4° ([FS–3.]) † ● Item 84 A 13.2 : R 16/26/971

16725 Ranger 'rithmetic for 7th grade teachers. [Revised Sept. 1966, slightly revised Sept. 1971.] [1971.] 12 p. il. 4° † ● Item 84 A 13.2 : R 16/21/971

Research note PNW–(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Ore.)

16726 PNW–150. Pumice particle bridging and nutrient levels affect lodgepole and ponderosa pine seedling development; by P. H. Cochran. May 1971. 10 p. 4° † A 13.79 : PNW–150

Research note RM–(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.79 : RM–(nos.)

16727 RM–188. Crown competition factor (CCF) for Engelmann spruce in central Rocky Mountains [with list of literature cited]; by Robert R. Alexander. 1971. 4 p. il. 4°

16728 RM–189. Calibrating snow particle counter for particle size and speed; by R. A. Schmidt and E. W. Holub. 1971. 8 p. il. 4°

16729 RM–190. Evaporation from bare soil as affected by texture and temperature [with list of literature cited]; by Ralph E. Campbell. 1971. 7 p. il. 4°

Research note RM-(series)—Continued

16730 RM-191. Height-diameter equations for Arizona mixed conifers; by R. S. Embry and G. J. Gottfried. 1971. 2 p. il. 4°

16731 RM-192. Comparison of aerial photo and ground measurements of ponderosa pine stands [with list of literature cited]; by Frederic R. Larson, Karl E. Moessner, and Peter F. Ffolliott. 1971. 4 p. il. 4°

Research note SE-(series). (Southeastern Forest Experiment Station, Asheville, N.C.) † A 13.79: SE-(nos.)

16732 SE-155. Heritability and seasonal changes in viscosity of slash pine oleoresin; [by Robert D. McReynolds]. Mar. 1971. [4] p. il. 4°

16733 SE-158. Veneer log production and receipts in Southeast, 1969; [by Richard L. Welch]. Apr. 1971. [2] p. 4°

Research note SO-(series). (Southern Forest Experiment Station, New Orleans, La.) † A 13.79: SO-(nos.)

16734 SO-118. Cubic-foot volume table and point-sampling factors for white pine plantations in southern Appalachians; [by] Glendon W. Smalley and Donald E. Beck. 1971. 2 p. il. 4°

16735 SO-119. Texas lost pines not superior on dry sites in northern Mississippi [with list of literature cited; by] B. P. Dickerson. 1971. 4 p. il. 4°

16736 SO-120. Stain and decay around carpenterworm galleries in southern hardwood trees [with list of literature cited; by] J. D. Solomon and E. R. Toole. 1971. 4 p. il. 4°

16737 SO-121. Site index curves for red and white oaks in Boston Mountains of Arkansas [with list of literature cited; by] David L. Graney and David R. Bower. 1971. 4 p. il. 4°

16738 SO-122. Loblolly pine seedlings respond to foliar nitrogen fertilization [with list of literature cited; by] Paul D. Duffy. 1971. 4 p. il. 4°

16739 SO-123. Growth of planted loblolly pine after row and selective thinning [with list of literature cited; by] Charles X Grano. 1971. 3 p. il. 4°

Research paper, PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Ore.) † A 13.78: PNW-(nos.)

16740 PNW-112. Seasonal forage use by deer and elk on Starkey Experimental Forest and Range, Ore. [with list of literature cited;] by Paul J. Edgerton [and] Justin G. Smith. 1971. cover title, 12+[1] p. il. 4° [Abstract on p. 2 of cover.]

16741 PNW-113. Nursery fertilization of Douglas-fir seedlings with different forms of nitrogen [with list of literature cited]; by M. A. Radwan, G. L. Crouch, and H. S. Ward. 1971. cover title, 8+[1] p. il. 4° [Text on p. 2 of cover.]

16742 PNW-114. Influence of endrin on soil microbial populations and their activity [with list of literature cited]; by W. B. Bollen. 1971. cover title, 4+[1] p. 4°

Research paper PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.) † A 13.78: PSW-(nos.)

16743 PSW-71. Transmission components of solar radiation in pine stands in relation to climatic and stand variables [with list of literature cited]; by Robert A. Muller. cover title, [2]+13 p. il. 4° [Abstract cards printed on p. 3 of cover.] † A 13.78: PSW-71

16744 PSW-72. Population density of western spruce budworm as related to stand characteristics in Bitterroot National Forest [with list of literature cited]; by Carroll B. Williams, jr., Patrick J. Shea, and Gerald S. Walton. 1971. cover title, [2]+8 p. 4° [Abstract cards on p. 3 of cover.]

Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.78: RM-(nos.)

16745 RM-67. Color aerial photography, new view for range management [with list of literature cited]; by Richard S. Driscoll. Mar. 1971. [4]+11 p. il. 4° [Text on p. 2 and 3 of cover. Some illustrations are colored. Map on back cover.]

16746 RM-68. Characteristics and processes of soil piping in gullies [with list of literature cited]; by Burchard H. Heede. Mar. 1971. [4]+15+[1] p. il. 4°

16747 RM-69. Chaparral: 47 years later; [by] Floyd W. Pond. May 1971. [4]+11+[1] p. il. 4° [Abstract on p. 2 of cover.]

16748 RM-70. Frequency of stem features affecting quality in Arizona mixed conifers; by Robert S. Embry and Gerald J. Gottfried. June 1971. [2]+19+[1] p. il. 4° [Text on p. 2 of cover.]

16749 RM-71. Vascular plants of Black Hills of South Dakota and adjacent Wyoming [with list of botanical references consulted]; by John F. Thilenius. June 1971. [2]+43+[1] p. 4° [Research reported conducted in cooperation with South Dakota School of Mines and Technology at Rapid City.]

16750 RM-72. Simulating yields of managed, dwarf mistletoe-infested lodgepole pine stands [with list of literature cited]; by Clifford A. Myers, Frank G. Hawksworth, and James L. Stewart. June 1971. cover title, [2]+15+[1] p. il. 4° [Text on p. 2 of cover.]

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16751 RM-73. Moisture content of laminated timbers in use in Rocky Mountain Area [with list of literature cited]; by Lincoln A. Mueller, Donald C. Markstrom, and Roland L. Barger. June 1971. [2]+8+[1] p. il. 4° [Title on cover is: Moisture content of laminated beams in use in Rocky Mountain area.]

16752 RM-74. Determining timber conversion alternatives through computer analysis [with list of literature cited]; by Jack D. Heldt [and others]. June 1971. [4]+27+[1] p. il. 4°

Resource bulletin PNW-(series). (Pacific Northwest Forest and Range Experiment Station.) † A 13.80: PNW-(nos.)

16753 PNW-36. Timber resources of Puget Sound area, Washington [with list of literature cited]; by Charles L. Bolsinger. 1971. cover title, viii+72+[1] p. il. 4° [Prepared by Forest Survey Project.]
L.C. card 70-613611

16754 PNW-37. 1970 Washington timber harvest; by Brian R. Wall. May 1971. 2 p. il. 4°

Resource bulletin SO-(series). (Southern Forest Experiment Station, New Orleans, La.) † A 13.80: SO-(nos.)

16755 SO-25. Midsouth veneer log production; [by] Herbert S. Sternitzke. 1971. cover title, 8+[1] p. il. 4°

16756 SO-27. Forest statistics for Tennessee plateau counties; by Arnold Hedlund and J. M. Earles. cover title, 21 p. il. 4° [Map on p. 2 of cover. Accompanied by abstract cards.]

16757 SO-28. Southern pulpwood production, 1970; [by] Roy C. Belz. 1971. [1]+22 p. il. 4° [Prepared jointly with The Southeastern Forest Experiment Station in cooperation with the American Pulpwood Association, Southeastern and Southwestern Technical Divisions. Accompanied by abstract cards.]

GENERAL ACCOUNTING OFFICE
Washington, DC 20548

16758 Report to Congress: Charges for use of Federal electrical power transmission lines should be reevaluated, Department of Interior; by Comptroller General of United States. Sept. 29, 1971. cover title, [1]+3+[1]+29 p. 4° (B-114858.) † Paper, $1.00.
L.C. card 71-614709 GA 1.13: El 2/41

16759 —— Environmental and economic problems associated with development of Burns Waterway Harbor, Ind., Corps of Engineers (civil functions) Department of Army, Environmental Protection Agency, National Park Service, Department of Interior; by Comptroller General of United States. Sept. 20, 1971. cover title, [1]+3+[2]+41 p. 4° (B-160199.) † Paper, $1.00.
L.C. card 73-614668 GA 1.13: B 93

16760 —— Limited use of federal programs to commit narcotic addicts for treatment and rehabilitation, Department of Justice [and] Department of Health, Education, and Welfare; by Comptroller General of United States. Sept. 20, 1971. cover title, [1]+4+[2]+43 p. 4° (B-164031(2).) † Paper, $1.00.
L.C. card 70-614510 GA 1.13: N 16

16761 —— Problems in accomplishing objectives of Work Incentive Program (WIN), Department of Labor, Department of Health, Education, and Welfare; by Comptroller General of United States. Sept. 24, 1971. cover title, [1]+4+[2]+55 p. il. 4° (G-164031(3).) † Paper, $1.00.
L.C. card 74-614715 GA 1.13: W 89/3

GENERAL SERVICES ADMINISTRATION
Washington, DC 20405

Counseling guide.

16762 6. Federal buying directory. July 1971. [2]+14 p. narrow 8° (Business Service Center.) † ● Item 558-A-1 GS 1.6/6-2: 6/2

GEOGRAPHIC NAMES BOARD, Interior Dept.
Washington, DC 20405

16763 Europe and U.S.S.R. gazetteer supplement, June 1971, official standard names; prepared in Geographic Names Division, Army Topographic Command. June 1971. [1]+iii+151 p. 4° † ● Item 617
L.C. card 79-614822 I 33.8/2: Eu 7

Gazetteer.

16764 Afghanistan, official standard names approved by United States Board on Geographic Names; prepared in Geographic Names Division, U.S. Army Topographic Command. July 1971. [2]+xvi+170 p. il. oblong 8° † Army Topographic Command 6500 Brooks Lane, Washington, DC 20315, Attn: Geographic Names Division, 53600. ● Item 617
L.C. card 74-614522 I 33.8: Af 8

16765 Jordan, official standard names approved by United States Board on Geographic Names; prepared in Geographic Names Division, U.S. Army Topographic Command. June 1971. [2]+xvii+419 p. il. oblong 8° † Army Topographic Command 6500 Brooks Lane, Washington, DC 20315, Attn: Geographic Names Division, 53600. ● Item 617
L.C. card 70-614714 I 33.8: J 76

GEOLOGICAL SURVEY, Interior Dept.
Washington, DC 20242

Bulletin.

16766 1354-A. Changes in stratigraphic nomenclature by Geological Survey, 1970 [with list of references]; by George V. Cohee, Robert G. Bates, and Wilna B. Wright. 1971. iii+38 p. [Contributions to stratigraphy.] * Paper, 30c. (S/N 2401-1186). ● Item 620
L.C. card 76-169079 I 19.3: 1354-A

Circular.

16767 662. Index of surface-water records to Sept. 30, 1970: pt. 12, Pacific slope basins in Washington and upper Columbian River basin. 1971. [2]+40 p. il. 4° [Supersedes Circular 582.] † ● Item 620-A I 19.4/2: 662

16768 Distribution of radionuclides in bottom sediments of Columbia River estuary [with list of literature cited]; by D. W. Hubbell and J. L. Glenn. Portland, Oreg., 1971. viii+136 p. il. 2 pl. in pocket 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Atomic Energy Commission. Issued by Atomic Energy Commission as research and development report TID-25724.] Φ Paper, $3.00.
L.C. card 70-614691 I 19.2: R 11

16769 Preliminary evaluation of hydrologic factors related to radioactive waste storage in basaltic rocks at Hanford Reservation, Washington [with list of references]; by A. M. La Sala, jr., and G. C. Doty. Richland, Wash., 1971. v+68 p. il. 4° (Water Resources Division.) [Open-file report. Prepared in cooperation with Atomic Energy Commission. Issued by Atomic Energy Commission as research and development report TID-25764.] † I 19.2: H 99/8

Professional papers. ● Item 624 I 19.16: (nos.)

16770 434-F. Flood-frequency relation based on regional record maxima [with list of references]; by P. H. Carrigan, jr. 1971. [1]+22 p. il. 4° [Prepared in cooperation with Atomic Energy Commission. Statistical studies in hydrology.] * Paper, 40c.
L.C. card 75-611783

16771 574-D. Elemental composition of surficial materials in conterminous United States [with list of references cited]; by Handford T. Shacklette [and others]. 1971. iii+71 p. il. 4° [Account of amounts of certain chemical elements in samples of soils and other regoliths. Statistical studies in field geochemistry.] * Paper, 70c.
L.C. card 71-610288

16772 644-F. History of Snake River canyon indicated by revised stratigraphy of Snake River group near Hagerman and King Hill, Idaho, by Harold E. Malde; with section on Paleomagnetism, by Allan Cox. 1971. iii+21+[3] p. il. 4° [Lava flows and river deposits contemporaneous with entrenchment of Snake River canyon indicated drainage changes that provide basis for improved understanding of late Pleistocene history. Shorter contributions to general geology. Includes title page and contents to Professional paper 644.] * Paper, 40c.
L.C. card 72-671031

16773 651. Geology of Northern Nellis Air Force Base bombing and gunnery range, Nye County, Nev. [with list of references]; by E. B. Ekren [and others]. 1971. iv+91 p. 1 pl. in pocket 4° [Stratigraphy and structure of 2,400-square-mile area of dominantly Tertiary volcanic rocks in Great Basin, with brief descriptions of small mines and prospects. Prepared on behalf of Atomic Energy Commission. Plate is colored.] * Paper, $2.00.
L.C. card 73-609556

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16774 658-D. Mesozoic stratigraphy of Sierrita Mountains, Pima County, Ariz. [with list of references]; by John R. Cooper. 1971. iii+42 p. il. 4° [Descriptive stratigraphy of more than 20,000 feet of Triassic, Jurassic, and Cretaceous terrestrial volcanic and sedimentary rocks. Mesozoic stratigraphy in southeastern Arizona.] * Paper, 50c. (S/N 2401-1123).
L.C. card 70-171033

16775 684-B. Plutonic rocks of Klamath Mountains, Calif. and Oreg. [with list of references]; by Preston E. Hotz. 1971. iii+20 p. il. 4° [Petrography, chemical composition, and age of plutons of Klamath Mountains and comparison with plutons of east-central and western Sierra Nevada. Shorter contributions to general geology.] * Paper, 35c. (S/N 2401-1129).
L.C. card 76-171032

16776 Scheduled discontinuance of U.S.G.S. data collection stations in Idaho. Sept. 15, 1971. [2] p. oblong 8° (NW. Water Resources Data Center, Water Resources Division, Portland, Oreg.) [Issued in looseleaf form.] †
I 19.2: Id 1/2

Water-supply papers. ● Item 625 I 19.13: (nos.)

16777 1978. Ground-water levels in United States, 1964-68, Southeastern States; [prepared by Water Resources Division]. [1971.] v+258 p. il. 4° [Prepared in cooperation with States of Alabama, Florida, Georgia, Kentucky, Maryland, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia, and with other agencies.] * Paper, $1.00 (S/N 2401-1168).
L.C. card 70-614738

16778 1992. Quality of surface waters of United States, 1966: pts. 3-4, Ohio River Basin and St. Lawrence River Basin [with list of literature cited; prepared by Water Resources Division]. 1970 [published 1971]. xiii+585 p. il. [Prepared in cooperation with States of Alabama, Georgia, Illinois, Indiana, Kentucky, Maryland, Michigan, Minnesota, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia, Wisconsin, and with other agencies.] * Paper, $2.50 (S/N 2401-1167).
L.C. card GS 43-68

16779 1993. Quality of surface waters of United States, 1966: pts. 5 and 6, Hudson Bay and upper Mississippi River basins and Missouri River basin [with list of literature cited]. 1971. xiii+666 p. il. [Prepared in cooperation with States of Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Montana, South Dakota, Wisconsin, Wyoming, and with other agencies.] * Paper, $2.75 (S/N 2401-1170).
L.C. card GS 43-68

16780 1994. Quality of surface waters of United States, 1966: pt. 7 and 8, Lower Mississippi River basin and western Gulf of Mexico basins [with list of literature cited]. 1971. xiv+815 p. il. [Prepared in cooperation with States of Arkansas, Colorado, Kansas, Louisiana, Mississippi, Missouri, New Mexico, Oklahoma, Tennessee, Texas, and with other agencies.] * Paper, $3.50 (S/N 2401-1162).
L.C. card GS 43-68

16781 1995. Quality of surface waters of United States, 1966: pt. 9-11. Colorado River Basin to Pacific Slope Basins in California [with list of literature cited; prepared by personnel of Water Resources Division]. 1971. xvii+726 p. il. [Prepared in cooperation with California, Idaho, New Mexico, Oregon, Utah, Wyoming, Bureau of Reclamation, and with other agencies.] * Paper, $3.00 (S/N 2401-1169).
L.C. card GS 43-68

16782 2011. Quality surface waters of United States, 1967: pts. 1 and 2, North Atlantic slope basins and South Atlantic slope and eastern Gulf of Mexico basins. 1971. xvii+982 p. il. [Prepared in cooperation with Alabama, Connecticut, Delaware, Florida, Georgia, Louisiana, Maine, Maryland, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, West Virginia, and with District of Columbia, and other agencies.] * Paper, $4.00 (S/N 2401-1181).
L.C. card GS 43-68

HEALTH MANPOWER EDUCATION BUREAU, Health, Education, and Welfare Dept., Bethesda, MD 20014

DMI [Division of Manpower Intelligence] reports.

16783 Proceedings and report of conference on health manpower simulation model, held on Aug. 31-Sept. 1, 1970 at National Institutes of Health; [edited by Lucy M. Kramer].
v. 1, Conceptualization of health manpower simulation model [with lists of references]. Dec. 1970. x+[1]+208 p. il. 4° HE 20.3114: M 72/v.1

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, Health, Education, and Welfare Dept., Bethesda, MD 20014

16784 Proceedings and recommendations of 1st National House Staff Conference, St. Louis, Mo., Mar. 18–21, 1971, conducted by Department of Social Medicine, Montefiore Hospital and Medical Center, Bronx, N.Y.; Steven G. McCloy, editor. [1971.] x+197 p. 4° (DHEW publication (HSM) 72–9.) [Contract HSM 110–71–40.] † ● Item 483–T–1
L.C. card 71–614662 HE 20.2002 : H 81

16785 Publications of Health Services and Mental Health Administration. [Jan. 1971.] vi+158 p. (Public Health Service Publication 2156; Office of Information.) † ● Item 483–T–4
L.C. card 75–614052 HE 20.2012/2 : P 96

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

16786 [Catalog] HUD programs. July 1971. cover title, iii+95 p. (HUD–214–SP.) [Issued with perforations.] † ● Item 582–E HH 1.6/3 : P 94/2

HUD guides. † ● Item 582–E HH 1.6/7 : (letters–Nos.)

16787 FHA G 4005.8. [Mortgagees guide: Application through commitment], Change 4. Aug. 31, 1971. [51] p. 4° [Includes transmittal notice. Issued with perforations.]

16788 FHA G 4010.6. [Mortgagees' guide: Home mortgage insurance fiscal instructions], Change 3. Aug. 31, 1971. [51] p. 4° [Includes transmittal notice. Issued in looseleaf form.]

16789 FHA G 4015.9. [Mortgagees' guide: Administration of insured mortgages], Change 2; Aug. 31, 1971. [1971.] [49] p. 4° [Includes transmittal notice. Issued in looseleaf form.]

16790 HM G 4351.1. Management of HUD-insured multifamily projects under section 221(d)(3) and section 236. July 1971. [6]+viii+263 p. 4° (Housing Management) [Issued with perforations. Includes transmittal notice 1.]

HUD handbook.

16791 HM 7215.1. Urban renewal handbook transmittal. [Sept. 23, 1971.] [3] p. 4° [Issued with perforations. Includes transmittal notice 95.] * Paper, $14.00 (including basic manual and supplementary material for indefinite period); $4.00 additional for foreign mailing. ● Item 582–E HH 1.6/6 : HM 7215.1/trans.95

HUD international brief. (Office of International Affairs.)

16792 10. Program report: Homeownership in United States. June 1971. 12 p. il. 4° ([HUD–280–SF.]) * Paper, 15c. (S/N 2300–0182). ● Item 581–E–1 HH 1.40/2 : 10

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, DC 20536

16793 Reports of passenger travel between United States and foreign countries, calendar year 1970. [1971.] [2] p.+[15] leaves il. 4° † Paper, $75.00 a year (including monthly, semi-annual, and annual reports for fiscal and calendar years); single copy, $5.00. J 21.13 : 970–2

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, DC 20240

16794 Indians of the Northwest. [1968.] cover title, 16 p. il. oblong 24° [Text and other illustrations on p. 1–4 of cover.] * Paper, 15c. I 20.51 : N 819/968

INDIAN HEALTH SERVICE, Health, Education and Welfare Dept. Silver Spring, MD 20910

16795 Illness among Indians, 1965–69. July 1971. v+42 p. il. 4° (Publication [HSM] 72–507; Office of Program Planning and Evaluation, Program Analysis and Statistics Branch.) † ● Item 486–I–2
L.C. card 78–614775 HE 20.2652 : Il 7/965–69

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INFORMATION FOR ARMED FORCES, OFFICE OF, Defense Dept.
Washington, DC 20301

DoD pamphlet.

16796 GEN-34. Armed Forces newspaper guide. [1971.] iv+89 p. il. ([Army Dept.] DA Pam 360-533; [Navy Dept.] NAVSO P-2062; [Air Force] AFP 190-42.) [Supersedes DOD Pam 1-17; DA pam. 20-23; NAVEXOS P-2062; and AFP-34-6-1.] ‡ ● Item 312-A D 2.14: GEN-34

INTERIOR DEPARTMENT
Washington, DC 20240

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Conservation yearbook.

16797 7. Our living land, Department of Interior environmental report; [editors, Edward P. Essertier and others]. [1971.] cover title, 96 p. il. 4° [Text on p. 3 of cover. Illustrations are colored. Contains copyright material. * Paper, $2.00. ● Item 601-A
L.C. card 71-614445 I 1.95: 7

[Saline water] research and development progress report. (Office of Saline Water.) ● Item 604-A-1 I 1.88: (nos.)

16798 665. Effects of manufacturing variables and development of replaceable membrane elements for brackish water tubular reverse osmosis systems; by R. Blevitt, R. H. Hartupee, M. Marks, Envirogenics Company, El Monte, Calif. May 1971. iv+55 p. il. 4° [Contract 14-30-2665.] * Paper, $2.00 (S/N 2401-1153).

16799 683. Transport-depletion desalination pilot plant; by Ralph Redman, Pratt & Whitney Aircraft, East Hartford, Conn. Apr. 1971. xiv+200 p. il. 4° [Contract 14-0001-1262. Pages 114, 174-175, 177-178 appear at end of publication.] * Paper, $2.75 (S/N 2400-0636).

16800 691. Feasibility of siting an 8 MGD vapor compression distillation desalting plant at Brownsville, Tex.; by R. W. Newkirkland, M. E. Marwede, Fluor Corporation, Los Angeles, Calif. Dec. 1970. vi+71 p. il. 4° [Contract 14-01-0001-2582. Pages 1, 21, 38-41 appear at end of publication.] * Paper, $2.25.

16801 692. Annual report (FY 1970) Webster Test Facility and Electrodialysis Test-Bed Plant, Webster, S. Dak. [with bibliography]; by Mason-Rust, Louisville, Ky. June 1971. viii+156 p. il. 4° [Contract 14-01-0001-2263.] * Paper, $1.75 (S/N 2400-0644).

16802 695. Seawater tubular reverse osmosis membranes [with list of references]; by W. M. King and M. L. O'Hair, Envirogenics Company, El Monte, Calif. June 1971. cover title, v+40 p. il. 2 pl. 4° [Contract 14-30-2664.] * Paper, 70c. (S/N 2400-0648).

16803 699. Performance characteristics of advanced evaporator tubes for long-tube vertical evaporators (an addendum); by Oak Ridge National Laboratory, Oak Ridge, Tenn. Mar. 1971. iv+359 p. il. 4° [Contract 14-30-2535.] * Paper, $2.75 (S/N 2400-0652).

16804 700. New and improved cellulose ester membranes [with list of references]; by D. L. Hoernschemeyer [and others]. Envirogenics company, Division of Aerojet-General corporation, El Monte, Calif. Sept. 1971. vii+100 p. il. 4° [Contract 14-01-0001-2205.] * Paper, $1.00 (S/N 2400-0653).

16805 701. In-situ regenerable membranes for reverse osmosis; by Fred E. Littman, Harry Bishop, and Richard McMillen, Stanford Research Institute, Irvine, Calif. Sept. 1971. vi+53 p. il. 4° [Contract 14-30-2539.] * Paper, 60c.

16806 702. Improving municipal water supplies in Colorado by desalting [with list of references]; by Franklin J. Agardy, URS Research Company, San Mateo, Calif., and Henry Daubert, Ken R. White Company, Denver, Colo. June 1971. vi+114 p. il. 4° [Contract 14-01-0001-2581.] * Paper, $1.00 (S/N 2400-0655).
L.C. card 70-614513

16807 703. Constant total pressure evaporation process with heat reuse by built-in engine [with bibliography]; by Chen-yen Cheng, Hung-yean Sung and Kyung Chang Kwon, Denver Research Institute, University of Denver, Denver, Colo. Sept. 1971. ii+86 p. il. 4° [Contract 14-01-0001-2144.] * Paper, 75c. (S/N 2400-0656).

INTERNAL REVENUE SERVICE, Treasury Dept.
Washington, DC 20224

16808 Careers in taxation [with list of selected references]. [Revised Aug. 1971.] [1971.] [2]+13 p. il. ([Publication 491 (Rev. 8-71)].) † ● Item 956
T 22.2: C 18/5/971

ΦFor Sale by National Technical Information Service, Springfield, VA 22151
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Circular.

16809 A. Agricultural employer's tax guide. [1971.] 32 p. il. 4° (Publication 51 [rev. Aug. 1971].) † ● Item 955-A T 22.20/2 : A/971

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.
Washington, DC 20230

16810 Aid to export trade, distribution license procedure. July 26, 1971. [2]+9 p. 4° (Office of Export Control.) [Reprinted from Export control regulations.] † C 42.11/a : L 616/2

Foreign economic trends and their implications for United States, ET (series). * Paper, $15.00 a yr., $6.00 additional for foreign mailing. ● Item 231-I C 42.30 : (nos.)

16811 71-090. Algeria. Aug. 27, 1971. 12 p. 4° [Annual.]
16812 71-091. Republic of China. Aug. 30, 1971. 10 p. 4° (American Embassy, Taipei.) [Semiannual.]
16813 71-092. Australia. Sept. 1, 1971. 12 p. il. 4° (American Embassy, Canberra.) [Semiannual.]
16814 71-093. Thailand. Sept. 2, 1971. 10+[1] p. il. 4° (American Embassy, Bangkok.) [Semiannual.]
16815 71-094. Uruguay. Sept. 1, 1971. 6 p. 4° (American Embassy, Montevideo.) [Semiannual.]
16816 71-095. Philippines. Aug. 31, 1971. 10+[1] p. il. 4° (American Embassy, Manila.) [Semiannual.]
16817 71-096. Morocco. Sept. 14, 1971. 10+[1] p. il. 4° (American Embassy, Rabat.) [Semiannual.]
16818 71-097. Somali Democratic Republic. Sept. 15, 1971. 12 p. il. 4° (American Embassy, Mogadiscio.) [Annual.]
16819 71-099. Chad. Sept. 15, 1971. 8 p. il. 4° (American Embassy, Fort Lamy.) [Annual.]

16820 Marketing aids for higher export profits. [Revised July 1971.] [1971.] [12] p. 4° folded into narrow 8° size. † ● Item 231-A C 42.2 : Ex 7/4/971

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.
Washington, DC 20523

16821 Selected economic data for less developed countries, data based on most recent information available, generally for years 1969 and 1970. June 1971. 8 p. 4° (Office of Statistics and Reports, Bureau for Program and Policy Coordination.) * Paper, 10c. (S/N 4401-0032). ● Item 900-C-2 L.C. card 78-614783 S 18.2 : Ec 7/2/971

INTERSTATE COMMERCE COMMISSION
Washington, DC 20423

16822 Transport statistics in United States, [83d annual report on] transport statistics for year ended Dec. 31, 1969; prepared by Bureau of Accounts. [Issued in sections and parts, punched for binders. This 1969 report when completed will consist of pts. 1, 5, 6, 7, 8, and 9.] ● Item 699

pt. 5. Carriers by water [release 2]. [Revised Aug. 1971.] [1971.] [2]+35-64 p. 4° * Paper, 30c. (S/N 2600-0830). IC 1.25 : 969/pt.5/release 2

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JPRS (series). Φ Paper, each, $3.00. Y 3.J 66:13/(nos.)

16824 54059. Preservation of 'landscape sphere', USSR; by F. Ya. Shipunov. Sept. 15, 1971. cover title, 28 p. il. 4° [From Priroda, no. 5, 1971.]
16825 54075. Public health in 5-year plan for 1971-75, USSR; by A. F. Serenko, V. V. Golovtyev, et al. Sept. 17, 1971. cover title, 11 p. 4° [From Klinicheskaya meditsina, no. 7, 1971.]
16826 54076. List of candidates for membership to Academy of Medical Sciences, USSR. Sept. 17, 1971. cover title, 32 p. 4° [From Meditsinskaya gazeta, 8, June 12, 1971.]
16827 54095. Uniformly bent rectangular waveguides, USSR [with bibliography]; by D. I. Voskresenskiy. Sept. 20, 1971. cover title, 44 p. il. 4° [From Voprosy radiotekhniki sverkhvysokikh chastot (trudy), v. 73, 1957.]
16828 54096. Resonance method of measuring waveguide irregularities that cause small reflections, USSR [with bibliography]; by D. I. Voskresenskiy. Sept. 21, 1971. cover title, 20 p. il. 4° [From Voprosy radiotekhniki i elektroniki sverkhvysokikh chastot (trudy), v. 98, 1958.]
16829 54097. Studies on FM range finders and reflex klystron oscillators, USSR [selected translations, with bibliography]. Sept. 21, 1971. cover title, a+31 p. il. 4° [From Nekotoryye voprosy impul'snoy tekhniki i tekhniki SVCh (trudy), v. 83, 1957.]
16830 54099. Metallurgical science in new 5-year plan, USSR; by I. N. Golikov. Sept. 21, 1971. cover title, 9 p. 4° [From Stal', no. 7, 1971.]
16831 54104. Effects of acceleration, hypokinesia, and low calorie nutrition on human organism, USSR [with bibliography]; by B. S. Katovskiy, V. S. Georgiyevskiy, et al. Sept. 22, 1971. cover title, 11 p. il. 4° [From Voprosy pitaniya, no. 4, 1971.]
16832 54106. Ring laser operation, USSR [articles]. Sept. 22, 1971. cover title, a+9 p. il. 4° [From Izvestiya VUZ, radiofizika, v. 14, no. 5, 1971.]
16833 54107. Computational methods of recognizing pathological processes, USSR [selections, with bibliography]; by Ye. V. Gubler. Sept. 22, 1971. cover title, a+133 p. il. 4° [Leningrad, Meditsina Press, 1970.]

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16834 54132. Electronic setup for cerebral hypothermia, USSR; by Ye. A. Kolenko and M. S. Bezukh. Sept. 27, 1971. cover title, 5 p. il. 4° [From Meditsinskaya tekhnika, no. 4, 1971.]

16835 54133. Characteristics of electric responses of cochlear nuclei in vespertilionidae and rhinolophidae to ultrasonic stimuli with different fill frequencies, USSR [with bibliography]; by A. G. Vasil'yev. Sept. 27, 1971. cover title, 11 p. il. 4° [From Neyorfiziologiya, v. 3, no. 4, 1971.]

16836 54145. Legal cybernetics, USSR [excerpts]. Sept. 28, 1971. cover title, a+49 p. il. 4° [From Pravovaya kibernetika, 1970.]

16837 54161. Moldavian public health law, USSR. Sept. 30, 1971. cover title, 30 p. 4° [From Sovetskaya moldaviya, July 20, 1971.]

16838 54162. Use of infrared devices in observations of ice conditions, USSR [with bibliography]; by F. I. Melkov and P. A. Rublev. Sept. 30, 1971. cover title, 15 p. il. 4° [From Primeniye radiofizicheskikh metodov v okeanograficheskikh i ledovykh issledovaniyakh, 1965.]

16839 54168. Computer analysis and mathematical modeling, USSR [articles, with bibliographies]. Oct. 1, 1971. cover title, a+24 p. il. 4° [From Ekonomika i matematicheskiye, v. 5, no. 1, 1969.]

16840 54171. Man in control systems, USSR [articles, with bibliographies]. Oct. 1, 1971. cover title, a+43 p. il. 4° [From Pribory i sistemy upravleniya, no. 10, 1970.]

16841 54173. Developments in pressure chamber technology, USSR [articles with bibliography]. Oct. 1, 1971. cover title, a+28 p. il. 4° [From Meditsinskaya tekhnika, no. 3, May–June, 1971.]

16842 54182. Institute of High Temperature of USSR Academy of Sciences, major results of scientific research work, 1970; by R. S. Skibitskaya. Oct. 4, 1971. cover title, a+92 p. il. 4° [Nauka Publishing House, 1971. Includes list of articles, books, and inventions of coworkers of the Institute.]

16843 54190. New RSFR public health law, USSR. Oct. 5, 1971. cover title, a+42 p. 4° [From Sovetskaya rossiya, July 30, 1971 and Aug. 3, 1971.]

16844 54195. Scientific and unscientific rational and irrational thought, USSR; by H. Klaus. Oct. 6, 1971. cover title, 16 p. 4° [From Filosofskiye nauki, no. 4, 1971.]

16845 54204. Geophysical information on Mangyshlak Peninsula from space photographs, USSR [with bibliography]; by M. A. Artamonov and Ye. N. Isayev. Oct. 7, 1971. cover title, 6 p. il. 4° [From Doklady Akademii Nauk SSSR, v. 199, no. 1, 1971.]

16846 54216. Coordinated plans for scientific research by VUZES for scientific organization of labor and management production, 1971–75, USSR. Oct. 8, 1971. cover title, 57 p. 4° [From Byulleten Ministerstva Vysshego i Srednego Spetsial'nogo Obrazovaniya SSSR, no. 6, July 1971.]

16847 54218. Cybernetics and theory, USSR [excerpts]; by G. I. Sidorenko. Oct. 8, 1971. cover title, a+111 p. il. 4°

16848 54225. Long-range economic planning and forecasting, USSR [article, with bibliography]; by N. P. Fedorenko. Oct. 12, 1971. cover title, 48 p. il. 4°

16849 54251. Marine research in Caribbean, USSR [articles, with bibliographies]. Oct. 15, 1971. cover title, a+54 p. il. 4° [From Issledovaniya v Atlanticheskom Okeane, Ekspress-Informatsiya, no. 1, 1965.]

16850 54255. Useful mineral recovery from sea bottoms, USSR [excerpts, with bibliography]; by G. A. Nurok [and others]. Oct. 15, 1971. cover title, a+23 p. il. 4° [From Dobycha poleznykh iskopayemykh so dna morey i okeanov, 1970.]

JUSTICE DEPARTMENT
Washington, DC 20530

16851 Directory of organizations serving minority communities. [1971.] cover title, ii+88 p. 4° (Administrative Division, Office of Personnel and Training.) * Paper, $1.00 (S/N 2700-0077). ● Item 717
L.C. card 78-614515 J 1.2: Or 3

ICR (series).

16852 71-3. A look at criminal justice research, pictorial presentation of selected research projects of National Institute of Law Enforcement and Criminal Justice. June 1971. [73] p. il. 4° (Law Enforcement Assistance Administration.) * Paper, 70c. ● Item 717-D J 1.36/2: 71-3

16853 Safe streets, LEAA program at work. [1971.] iii+42 p. (Law Enforcement Assistance Administration.) † ● Item 717
L.C. card 73-614589 J 1.2: St 8

LABOR DEPARTMENT
Washington, DC 20210

16854 Address by Secretary of Labor, J. D. Hodgson, Laborers' International Union Convention, Miami Beach, Sept. 21, 1971. [1971.] 10 leaves, 4° †
L 1.13: H 66/13

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16855 Back to work after retirement. [1971.] cover title, 20 p. il. 4° [Illustrations are colored.] * Paper, 60c. (S/N 2900-0130). ● Item 745
L 1.2 : R 31/3

16856 Fidelity bonding under Welfare and pension plans disclosure act. [1971.] iii+43 p. (Labor-Management Services Administration, [Office of Labor-Management and Welfare-Pension Reports].) † ● Item 745
L 1.2 : B 64/2/971

16857 Index to publications of Manpower Administration, Jan. 1969–June 1971. 1971. [1]+iii+26 p. 4° (Manpower Administration.) † ● Item 744-A
L.C. card 74-614723 L 1.34 : M 31/4/969-71

MDTA experimental and demonstration findings.

16858 8. Career mobility for paraprofessionals in human service agencies. 1969; reprinted 1971. x+151 p. 4° (Manpower Administration.) † ● Item 746-M
L 1.56 : 8

LABOR STATISTICS BUREAU, Labor Dept.
Washington, DC 20210

BLS report.

16859 395. Employment in perspective, regional aspects of unemployment, 1969–70; [prepared by Paul M. Schwab]. [1971.] [1]+13 p. 4° † ● Item 768-G
L 2.71 : 395

Bulletins. ● Item 768 L 2.3 : (nos.)

16860 1541. Wage chronology: Berkshire Hathaway, Supp. Aug. 1971. 7 p. 4° †

16861 1685-56. Area wage survey: Washington, D.C.-Md.-Va., metropolitan area, Apr. 1971. June 1971. iv+30 p. oblong 8° * Paper, 40c.

16862 1685-78. Area wage survey: Greenville, S.C., metropolitan area, May 1971. Aug. 1971. iii+26 p. oblong 8° * Paper, 35c.

16863 1685-79. Area wage survey: Rockford, Ill., metropolitan area, May 1971. Sept. 1971. iii+18 p. oblong 8° * Paper, 30c.

16864 1685-80. Area wage survey: Providence-Pawtucket-Warwick, R.I.-Mass., metropolitan area. May 1971. Sept. 1971. iii+30 p. oblong 8° * Paper, 40c.

16865 1685-81. Area wage survey: San Antonio, Tex., metropolitan area, May 1971. Sept. 1971. iii+26 p. oblong 8° * Paper, 35c.

16866 1685-82. Area wage survey: Muskegon-Muskegon Heights, Mich., metropolitan area, June 1971. Sept. 1971. iii+18 p. oblong 8° * Paper, 30c.

16867 1685-83. Area wage survey: Lawrence-Haverhill, Mass.-N.H., metropolitan area, June 1971. Sept. 1971. iii+16 p. oblong 8° * Paper, 30c.

16868 Department store inventory price indexes, July 1971. Sept. 3, 1971. 2 p. 4° †
L 2.79 : 971

16869 Prices, escalation and economic stability; [prepared by Max D. Kossoris]. 2d printing, 1971. v+42 p. il. * Paper, 30c. ● Item 768-L
L.C. card 79-611792 L 2.100 : 971

16870 Wage chronology: A.T. & T.—Long Lines Department, 1965–70. July 1970. 12 p. 4° [Supplement to Bulletin 1443.] † L 2.3 : 1443/supp.

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16871 Classification, Class T, technology [prepared by Eugene T. Frosio]. 5th edition. 1971. x+370 p. large 8° (Processing Department, Subject Cataloging Division.) † Paper, $3.50, Card Division, Library of Congress, Bldg. 159, Navy Annex, Wash., DC 20541 ● Item 819
L.C. card 76-611341 LC 26.9 : T/971

16872 Serials MARC format, addendum 1. June 1971. [1]+iii+31 p. 4° ([MARC Development Office.]) * Paper, 35c. (S/N 3000-0051). ● Item 786
L.C. card 73-606842 LC 1.2 : M 18/7/add.1

MARINE CORPS (Navy), Defense Dept.
Washington, DC 20350

Fleet Marine Force manual FMFM (series).

16873 9-2. Amphibious vehicles. [1971.] [6]+vi+183 p. il. 4° [Issued with perforations. Supersedes FMFM 9-2, Sept. 17, 1964, with change 1, Nov. 9, 1967.] * Paper, $2.00 (S/N 0855-0060). ● Item 384 D 214.9/4 : 9-2/2

16874 Marine officer candidate handbook. [1971.] [2]+17 p. oblong 12° ([NAVMC 7076 (Feb. 71).]) † ● Item 383 D 214.2: Of 2/3/971

MARITIME ADMINISTRATION, Commerce Dept.
Washington, DC 20548

MA SP (series). † C 39.210/2: (nos.)

16875 71–23. Remarks by A. E. Gibson, Assistant Secretary of Commerce for Maritime Affairs, at 4th International Shipping & Container Exposition, Oakland, Calif., Sept. 14, 1971. 1971. 6 p. 4°

16876 71–24. Remarks by Robert J. Blackwell, Deputy Assistant Secretary of Commerce for Maritime Affairs, at joint annual convention of National Waterways Conference and Upper Mississippi Waterway Association, at St. Paul, Minn., Sept. 15, 1971. 1971. 7 p. 4°

16877 71–25. Remarks by A. E. Gibson, Assistant Secretary of Commerce for Maritime Affairs, before West Texas Gulf Port Council, Maritime Trades Department (AFL–CIO), Houston, Texas, Sept. 25, 1971. 8 p. 4°

MATERNAL AND CHILD HEALTH SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

16878 Maternal and child health service reports on promoting health of mothers and children, 1970. 1971. cover title, [5]+37 p. ([HSM 71–50002. Includes list of publications cited in this report. Text on p. 2 of cover.]) † ● Item 483–V–6 HE 20.2751: 970

16879 Publications of Maternal and Child Health Service. [1971.] 21 p. narrow 8° ([DHEW Publication (HSM) 71–5004.]) * Paper, 20c. (S/N 1730–0012). ● Item 483–V–2 HE 20.2759: P 96/971

16880 What do you know about PKU? [1971.] [4] p. narrow 8° ([HSM 71–5703.]) * Paper, 5c. ● Item 483–V–1 HE 20.2752: P 52

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept.
Washington, DC 20350

U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: Reports.

16881 644. Human factors evaluation of submarine escape: 2–A, Top egress with British submarine escape immersion suit and Steinke hood [with list of references]; by Bernard L. Ryack and Gary B. Walters. Oct. 22, 1970. cover title, iii+23+[2] p. il. 4° [Research work unit MF12.524.006–9025B.38.] ‡ D 206.10: 644

MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept.
Washington, DC 20315

16882 Publications of Office Chief of Military History, United States Army. 1972. [3]+20 p. narrow 8° † ● Item 344–B D 114.10: 972

MINES BUREAU, Interior Dept.
Washington, DC 20240

16883 Cadmium; [by Burton E. Ashley]. [1971.] [2]+7 p. il. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404–0984). I 28.37/a: C 114/970

Information circular.

16884 8526. Review of Bureau of Mines Energy Program, 1970; by Bill Linville [and] John D. Spencer. [1971.] [2]+vii+111 p. il. 4° [Includes list of other publications.] † Mines Bureau, Pittsburgh, PA 15213 ● Item 637–A I 28.27: 8526

16885 Iron oxide pigments; [by Henry E. Stipp]. [1971.] [2]+4 p. [Preprint from Mineral yearbook, 1970.] * Paper, 10c. (S/N 2404–0985). I 28.37/a: Ir 6/6/970

16886 Mineral industry of Ghana; [by Henry E. Stipp]. [1971.] [2]+5 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404–0980). I 28.37/a 2: G 341/970

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

16887 Molybdenum; [by Andrew Kuklis]. [1971.] [2]+10 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404–0978).
I 28.37/a : M 739/970

16888 Nickel; [by Horace T. Reno]. [1971.] [2]+10 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404–0979). I 28.37/a : N 532/970

16889 Petroleum refineries in United States and Puerto Rico, Jan. 1, 1971; prepared in Division of Fossil Fuels. Sept. 14, 1971. 15 p. il. 4° (Mineral industry surveys; Petroleum refineries, annual.) † Mines Bureau, Pittsburgh, PA 15213
I 28.17/2 : 971

Report of investigations. ● Item 637–A I 28.23 : (nos.)

16890 7552. Inhibition of coal dust-air flames; by J. Grumer and A. E. Bruszak. [Aug. 1971.] [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16891 7557. Hydrodesulfurization of Venezuelan residual fuel oils [with list of references]; by C. M. Frost and P. L. Cottingham. [1971.] [3]+18 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16892 7561. Prediction of low-temperature carbonization properties of coal in advance of mining [with list of references]; by Manuel Gomez and Donald J. Donaven, Denver Mine Systems Engineering, Denver, Colo. [1971.] [2]+iii+88 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16893 7562. Recovery of copper from converter slags by flotation with list of references]; by V. E. Edlund and S. J. Hussey. [1971.] cover title, [3]+13 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16894 7563. Computer calculation of binary organic liquid recovery by condensation from mixtures of binary organic vapor and air [with list of references]; by John P. Gooch and James S. Browning, Tuscaloosa Metallurgy Research Laboratory, Tuscaloosa, Ala. [1971.] [2]+ii+81 p. il. 4° [Based on work done in cooperation with University of Alabama.] † Mines Bureau, Pittsburgh, PA 15213

16895 7564. Prediction of coke strength of American coals by Ruhr dilatometer method [with list of references]; by J. G. Walters, C. Ortuglio, and D. E. Wolfson, Pittsburgh Energy Research Center, Pittsburgh, Pa. [1971.] [3]+18 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16896 7566. Recovery of cadmium and nickel from scrap batteries [with list of references; by D. A. Wilson and B. J. Wiegard, jr.] [1971.] cover title, [3]+15 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16897 7567. Influence of thermal treatments upon grindability of low-grade nonmagnetic iron ores [with list of references; by R. A. Vik, C. B. Daellenbach, and W. M. Mahan]. [1971.] cover title, [2]+ii+30 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16898 7568. Use of rock bolts or wire rope to increase strength of fractured model pillars [with list of references]; by F. G. Horino, W. I. Duvall, and B. T. Brady. [1971.] [2]+ii+24 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

16899 7579. Modifying diesel engine operating parameters to reduce emissions; by W. F. Marshall and R. W. Hurn. [1971.] cover title, [3]+14 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213

Technical progress reports. † ● Item 637–A I 28.26/6 : (nos.)

16900 41. Beneficiation of high-clay potash ores by flotation; by Arthur B. Johnson [and others]. Sept. 1971. [3]+12 p. 4° (Nonmetallic minerals program.)

16901 42. Spark-source mass spectrometer investigation of coal particles and coal ash [with list of references]; by T. Kessler, A. G. Sharkey, jr., and R. A. Friedel. Sept. 1971. [3]+15 p. 4°

16902 43. Analysis for mercury in coal; by M. D. Schiesinger and Hyman Schultz. Sept. 1971. [3]+4 p. 4°

16903 Vanadium; [by Harold A. Taylor, jr.]. [1971.] [2]+7 p. [Preprint from Mineral yearbook, 1970.] * Paper, 10c. (S/N 2404–0977).
I 28.37/a : V 26/970

16904 Zirconium and hafnium; [by Robert G. Clarke]. [1971.] [2]+7 p. [Preprint from Minerals yearbook, 1970.] * Paper, 10c. (S/N 2404–0983).
I 28.37/a : Z 68/970

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Washington, DC 20546

NASA contractor report CR (series). Φ Paper, each, $3.00.
NAS 1.26 : (nos.)

16905 1762. Effects of vibration and shock on performance of gas-bearing space-power Brayton-cycle turbomachinery: 1, Half-sine shock and sinusoidal vibration [with list of references]; by Paul R. Spencer, Peter W. Curwen and Henry B. Tryon. July 1971 cover title, xi+194 p. il. 4° [Prepared under contract NASw–1713 by Mechanical Technology Incorporated, Latham, N.Y. Issued by originator as report MTI–70TR19.]

Φ For Sale by National Technical Information Service, Springfield, VA 22151
● Sent to depository Libraries

NASA contractor report—Continued

16906 1778. Adaptive optimization of signal to noise ratio in receiving arrays [with list of references]; by Robert L. Riegler. Aug. 1971. cover title v+116 p. il. 4° [Prepared by Electroscience Laboratory, Ohio State University, Columbus, Ohio; contract NGL 36–008–138.]

16907 1792. Conceptual study of SSV/GN & C System data bus [with list of references]; by G. E. Proch. Aug. 1971. cover title, viii+118+A52+B13 p. il. 4° [Prepared by Houston Aerospace Systems Division, Lockheed Electronics Company, Houston, Tex. under contract NAS 9–5191.]

16908 1795. On dispersion and characteristic motions of temperature-rate dependent materials [with list of references]; by Ghodratollah Nowrooz Haddad and Tien Sun Chang. Sept. 1971. cover title, ix+86 p. il. 4° [Prepared under contract NGL 34–002–084 by North Carolina State University, Raleigh, N.C.]

16909 1818. Effects of nonuniform swash-plate stiffness on coupled blade-control system dynamics and stability; pt. 2, Computer program listing; by Vincent J. Piarulli. Aug. 1971. cover title, iv+68 p. 4° [Prepared by Rochester Applied Science Associates, Inc., Rochester, N.Y.; contract NAS 1–9496.]

16910 1821. Turbulence and longitudinal flying qualities [with list of references]; by James A. Franklin. July 1971. cover title, xxi+147+[20] p. il. 4° [Prepared under contract W–12,994 by Princeton University, Princeton, N.J.]

16911 1860. Second order slender wing theory for wings with leading edge separation in supersonic flow [with list of references]; by Joseph P. Nenni and Chee Tung. Sept. 1971. cover title, x+58 p. il. 4° [Prepared under contract NAS 1–9543 by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y.]

16912 1871. Radiation effects design handbook: Sec. 5, Radiations in space and their interactions with matter [with list of references]; by M. L. Green and D. J. Hamman. Sept. 1971. cover title, vii+61 p. il. 4° [Prepared by Radiation Effects Information Center, Battelle Memorial Institute, Columbus, Ohio under contract NASW–1568.]

16913 1879. Sonic boom in turbulence [with list of references]; by W. A. Horning. Sept. 1971. cover title, iii+30 p. il. 4° [Prepared under contract NAS 1–9284 by EG&G, Inc., Albuquerque, N. Mex.]

16914 1882. Study of non-radial stators for noise reduction [with list of references]; prepared by G. V. R. Rao and Associates. Sept. 1971. cover title, vi+79 p. il. 4° [Contract NAS 2–5730.]

16915 1897. Design and application of polycarbonate capacitors in aerospace ac power systems [with one reference]; by J. F. Gosda, A. C. Elles, and R. R. Bailey. Aug. 1971. cover title, v+95 p. il. 4° [Prepared by TRW, Ogallala, Nebr. under contract NAS 3–11834.]

16916 1929. Isothermal elastohydrodynamic theory for full range of pressure-viscosity coefficient [with list of references]; by H. S. Cheng. Sept. 1971. cover title, [1]+51 p. il. 4° [Prepared under grant NGL–14–007–084 by Northwestern University, Evanston, Ill.] Φ Paper, $3.00

NASA EP (series). ● Item 830–G NAS 1.19:(nos.)

16917 88. Exploring in areospace rocketry, introduction to fundamentals of rocketry developed at NASA Lewis Research Center, Cleveland, Ohio [with bibliographies]. 1971. cover title, x+362 p. il. 4° * Paper, $3.25 (S/N 3300–0394).
L.C. card 70–614746

16918 89. Exploring in areonautics, introduction to areonautical sciences developed at NASA Lewis Research Center, Cleveland, Ohio [with bibliographies]. 1971. x+398 p. il. 4° * Paper, $3.50 (S/N 3300–0395).
L.C. card 77–614705

16919 93. Exploring earth resources from space. [July 1971.] cover title, 24 p. il. 4° [Text and other illustrations on p. 2–4 of cover. Illustrations are colored.] * Paper, $1.00 (S/N 3300–0385).

16920 94. Apollo 15 at Hadley Base; [produced by Office of Public Affairs]. [1971.] cover title, 32 p. il. oblong 8° [Some illustrations are colored.] * Paper, 75c. (S/N 3300–0402).

NASA SP (series). NAS 1.21:(nos.)

16921 5928 (01). Safety and maintenance engineering, compilation. 1970. iv+18 p. il. 4° ([Technology Utilization]; Technology Utilization Office.) Φ Paper, $1.00.
L.C. card 74–614581

16922 5939 (01). Theoretical and applied mathematics, compilation. [1971.] cover title, v+20 p. 4° (Technology utilization.) Φ Paper, $1.00.
L.C. card 76–614552

16923 5941 (01). Optical devices: instrumentation, compilation. [1971.] cover title, iii+28+[2] p. il. 4° (Technology Utilization; [Technology Utilization Office].) Φ Paper, $1.00.
L.C. card 73–614692

NASA technical note TN (series). Φ Paper, each $3.00.
NAS 1.14:D–(nos.)

16924 D–6140. Torsional shear strength of filament-wound glass-epoxy tubes [with list of references]; by L. David Wall, jr., and Michael F. Card. Aug. 1971. cover title, [1]+46 p. il. 4°

16925 D–6342. Use of orbit-to-orbit shuttles for hyperbolic rendezvous with returning planetary spacecraft [with list of references]; by David R. Brooks and Edwin F. Harrison. Sept. 1971. cover title, [1]+32 p. il. 4°

*For Sale by Superintendent of Documents
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16926 D-6345. Analytic studies of sound pressures inside duct of ducted propellers [with list of references]; by Joseph A. Drischler. Sept. 1971. cover title, [1]+39 p. il. 4° [Performing organization report L-7378; Work unit 136-80-01-04.]

16927 D-6377. Effect of diffusers, shrouds, and mass injection on starting and operating characteristics of a Mach 5 free jet tunnel [with list of references]; by John K. Molloy, Ernest A. Mackley, and J. Wayne Keyes. Sept. 1971. cover title, [1]+30 p. il. 4°

16928 D-6389. Digitally controlled very high frequency synthesizer [with list of references]; by Joan H. Middleton. Sept. 1971. cover title, [1]+19 p. il. 4°

16929 D-6391. Wind-tunnel investigation of external-flow jet-flap transport configuration having full-span triple-slotted flaps [with list of references]; by Lysle P. Parlett, H. Douglas Greer [and Robert L. Henderson]. Aug. 1971. cover title, [1]+266 p. il. 4°

16930 D-6418. Thermomechanical processing of nickel-base alloy U-700 [with list of references]; by Charles P. Blankenship and Charles A. Gyorgak. Sept. 1971. cover title, [1]+15 p. il. 4°

16931 D-6420. Magnetization and susceptibility of Heisenberg ferromagnet [with list of references]; by Lawrence Flax. Sept. 1971. cover title, [1]+15 p. il. 4°

16932 D-6430. Influence of vertical wind gradients on longitudinal motion of airplanes [with list of references]; by Joseph Gera. Sept. 1971. cover title, [1]+18 p. il. 4°

16933 D-6445. Vibrational energy transfer in expanding mixtures of N_2 and CO_2 as measured by electron beam [with list of references]; by Daniel I. Sebacher, Robert W. Guy, and Louise P. Lee. Sept. 1971. cover title, [1]+18 p. il. 4°

16934 D-6449. Real-time space station dynamics and control system simulation [with list of references]; by Carolyn Grantham and Ralph W. Will. Sept. 1971. cover title, [1]+48 p. il. 4°

16935 D-6450. Surface-tension measurements in air of liquid lubricants to 200°C. by differential-maximum-bubble-pressure technique [with list of references]; by William R. Jones, jr., and Lavern D. Wedeven. Sept. 1971. cover title, [1]+18 p. il. 4°

16936 D-6461. Fixed-angle translunar guidance procedures using onboard optical measurements [with list of references]; by Harold A. Hamer and Katherine G. Johnson. Sept. 1971. cover title, [1]+40 p. il. 4° [Performing organization report L-7811: Work unit 110-06-05-06.]

16937 D-6470. Cloud comparisons between Apollo 6 photography and ATS 3 and ESSA 3 photography [with list of references]; by William E. Shenk. Oct. 1971. cover title, iii+47 p. il. 4°

16938 D-6471. Thermal distortion of paraboloidal shell [with list of references]; by Robert J. Platt, jr., and Marvin D. Rhodes. Sept. 1971. cover title, [1]+24 p. il. 4°

16939 D-6474. Study of first-day space malfunctions [with list of references]; by A. R. Timmins and R. E. Heuser. Sept. 1971. cover title, iii+13 p. il. 4° L.C. card 70-614801

16940 D-6476. Mixing of hydrogen injected from multiple injectors normal to supersonic airstream [with list of references]; by R. Clayton Rogers. Sept. 1971. cover title, [1]+34 p. il. 4°

16941 D-6487. Turbulent mixing of coaxial compressible hydrogen-air jets [with list of references]; by James M. Eggers. Sept. 1971. cover title, [1]+57 p. il. 4°

16942 D-6490. Comparisons of in-flight F-111A inlet performance for on-and off-schedule inlet geometry at Mach numbers of 0.68 to 2.18 [with list of references]; by Richard A. Martin and Donald L. Hughes. Sept. 1971. cover title, [1]+46 p. il. 4°

16943 D-6493. Enhanced diffusion-welding of TD-NiCr sheet [with list of references]; by Kenneth H. Holko and Thomas J. Moore. Sept. 1971. cover title, iii+24 p. il. 4°

16944 D-6495. Rate measurements for reaction of hydrogen chloride and deuterium chloride with atomic oxygen [with list of references]; by Edgar L. Wong and Frank E. Belles. Sept. 1971. cover title, [1]+21 p. il. 4°

16945 D-6497. Elemental analysis of friction and wear surface during sliding using Auger spectroscopy [with list of references]; by Donald H. Buckley and Stephen V. Pepper. Sept. 1971. cover title, [1]+18 p. il. 4°

16946 D-6499. Theory of two-sublattice Heisenberg antiferromagnet [with list of references]; by Edwin G. Wintucky and Larry Flax. Sept. 1971. cover title, [1]+32 p. 4°

16947 D-6510. Procedure for scaling of experimental turbine vane airfoil temperatures from low to high gas temperatures [with list of references]; by Herbert J. Gladden and John N. B. Livingood. Sept. 1971. cover title, [1]+27 p. il. 4° [Performing organization report E-6250; Work unit 720-03.]

NASA technical report R (series). NAS 1.12:(nos.)

16948 366. Effects of atmospheric-lithostatic pressure ratio on explosive craters in dry soil [with list of references]; by Robert W. Herr. Sept. 1971. cover title, [1]+88+[1] p. il. 4° ⊕ Paper, $3.00

16949 369. Investigation of atmospheric turbulence by stellar observations [with list of references]; by Jack Lytle Bufton. Aug. 1971. iii+175 p. il. 4° ⊕ Paper, $3.00.

⊕For Sale by National Technical Information Service, Springfield, VA 22151
●Sent to depository Libraries

448-084 O—71——5

NASA technical translation TT (series).

16950 F-697. Plasma acceleration in traveling electromagnetic field, general diagnostic and velocity measurements [with list of references]; by M. Charpenel, J. P. Rager, and B. Sitt. cover title, [1]+41 p. il. 4° [ONERA Tech. note 174, Office D'Etudes et de Recherches Aerosapatiales, Chatillon, France, 1971.] ✝ Paper, $3.00 NAS 1.13/2: F-697

Reliability and quality assurance publication NHB (series).

16951 5300.4(3E). Radiographic inspection for microcircuits. [Oct. 1971.] cover title, iii+6+13 p. il. 4° * Paper, 30c. (S/N 3300-0403). ● Item 830-M NAS 1.22/3: 5300.4(3 E)

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

General information leaflet.

16952 21. Select picture list, Indians in United States. [1971.] [2]+18 p. narrow 8° ([71-21.]) † GS 4.22: 21

16953 Records management handbook: Managing the mail. 1971. cover title, iii +94 p. il. 4° (Federal stock number 7610-181-8021; Office of Records Management.) † ● Item 569-B
L.C. card 79-612320 GS 4.6/2: M 28

NATIONAL BUREAU OF STANDARDS, Commerce Dept. Gaithersburg, MD 20760

16954 National Bureau of Standards at a glance. Sept. 1, 1971. cover title, 40 p. il. oblong 32° † ● Item 244 C 13.2: N 21/7

National standard reference data series, NSRDS-NBS. ● Item 248-B C 13.48: (nos.)

16955 37. JANAF thermochemical tables; [by] D. R. Stull and H. Prophet. 2d edition. June 1971. [1139] p. 4° [Supersedes PB 168-370 and addenda 1-3. Prepared at Thermal Research Laboratory, Dow Chemical Company, Midland, Mich.] * Cloth, $9.75 (S/N 0303-0872).
L.C. card 77-611423

16956 38. Critical review of ultraviolet photoabsorption cross sections for molecules of astrophysical and aeronomic interest [with list of references; by] R. D. Hudson. Aug. 1971. iv+102 p. il. 4° [Reprinted from Reviews of geophysics and space physics, v. 9, no. 2, May 1971.] * Paper, $1.00 (S/N 0303-0900).
L.C. card 71-169292

16957 Postdoctoral research associateships, 1972 tenable at National Bureau of Standards, Washington, D.C., and Boulder, Colo., in association with National Research Council, National Academy of Sciences, National Academy of Engineering. [1971.] vii+90 p. il. † C 13.2: R 31/6/972

Special publications. ● Item 247 C 13.10: (nos.)

16958 260-28. Standard reference materials: Preparation and evaluation of SRM's 481 and 482 gold-silver and gold-copper alloys for microanalysis [with list of references; by] Kurt F. J. Henrich [and others]. Aug. 1971. xi+89 +[1] p. il. 4° [Erratum sheet, 7 p., also issued.] * Paper, $1.00 (S/N 0303-0899).
L.C. card 75-176237

16959 305. Publications of National Bureau of Standards, 1970, compilation of abstracts and key word and author indexes, supp. 2; [by] Betty L. Oberholtzer. July 1971. iii+364+[12] p. 4° [To accompany National Bureau of Standards Circular 460, its supplement, Miscellaneous publication, 240, its supplement, Special publication 305 and its supplement 1.] * Paper, $3.25.

16960 320. Bibliography on atomic transition probabilities, Supp. 1, July 1969-June 1971; by J. R. Fuhr and W. L. Wiese. Sept. 1971. v+60+[1] p. 4° * Paper, 65c.
L.C. card 76-604227

16961 353. Menzel Symposium on Solar Physics, Atomic Spectra, and Gaseous Nebulae, in honor of contributions made by Donald H. Menzel, proceedings of symposium held at Harvard College Observatory, Cambridge, Mass. [with bibliographies]; edited by Katharine B. Gebbie. Aug. 1971. x+[1]+203 p. il. * Paper, $1.75.
L.C. card 78-614708

16962 355. Universal testing machine of 12-million-lbf capacity at National Bureau of Standards [with list of references; by] Arthur F. Kirstein. Sept. 1971. iv+14+[1] p. il. 4° * Paper, 30c.
L.C. card 73-179678

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Technical notes. ● Item 249–A C 13.46:(nos.)

16963 579. Testing of cover glasses for hemacytometer chambers; [by] John S. Beers. Sept. 1971. [2]+6 p. il. 4° * Paper, 20c.

16964 595. Effect of ceramic spectral emissivity variations on computed luminous emissivity of NBS standard of light; [by] William B. Fussell. Sept. 1971. vii+50+[1] p. il. 4° * Paper, 65c.

16965 596. Flammable fabrics program, 1970; U.S. Department of Commerce report of activities under Flammable Fabrics Act, 1970. Sept. 1971. xii+56+[1] p. il. 4° * Paper, 65c.

Voluntary product standard PS (series). ([Office of Engineering Standards Service.]) ● Item 243 C 13.20/2:(nos.)

16966 42–70. Body measurements for the sizing of women's patterns and apparel. [Sept. 1971.] iv+27 p. il. 4° [Effective Dec. 22, 1970. Supersedes Commercial standard CS 215–58.] * Paper, 40c. (S/N 0303–0901).

16967 43–71. Fluorinated ethylene-propylene (FEP) plastic tubing. [Sept. 1971.] iv+9 p. il. [Effective Apr. 15, 1971.] * Paper, 10c.

16968 44–71. Paper ice bag sizes. [Sept. 1971.] iv+8 p. il. [Effective Apr. 30, 1971.] * Paper, 15c.

16969 47–71. Heat-shrinkable fluorocarbon plastic tubing. [Sept. 1971.] [4]+11 p. il. [Effective June 15, 1971.] * Paper, 20c.

NATIONAL CANCER INSTITUTE, Health, Education, and Welfare Dept., Bethesda, MD 20014

16970 Special virus cancer program [with bibliography; by J. B. Moloney]. [Aug. 1971.] [1]+383 p. 1 pl. 4° (Progress report 8.) [Report prepared by senior staff of Viral Oncology Area, Etiology, as annual report in May 1971; updated July 1971 for Annual Joint Working Conference, SVCP at Hershey Medical Center, Hershey, Pa., Oct. 24–27, 1971.] † ● Item 507–G–2
L.C. card 71–614611 HE 20.3152:V 81

NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education, and Welfare Dept., Washington, DC 20201

NOTE.—The National Center for Social Statistics was established as part of Social and Rehabilitation Service to provide staff coordination, direction, and advice for all statistical activities and programs for SRS.

16971 AFDC, selected statistical data on families aided and program operations. June 1971. cover title, [59] p. il. 4° (NCSS report H–4 (71).) [Issued with perforations.] † ● Item 512–D–7 HE 17.640:F 21

16972 Concurrent receipt of public assistance money payments and old-age survivors, and disability insurance cash benefits by persons aged 65 or over, 1948–71 and Feb. 1971. Aug. 23, 1971. [6] p. il. 4° (DHEW publication (SRS) 72–03351, NCSS report G–2 (2/71).) † HE 17.636:948–71

16973 Expenditures for public assistance payments and for administrative costs, by program and source of funds, fiscal year 1936–70. July 6, 1971. [13] p. oblong 8° (NCSS report F–5 (FY 36–70).) † HE 17.632:936–70

16974 Trend report: Graphic presentation of public assistance and related data, 1970. [Aug. 23, 1971.] cover title, 30 p. oblong 8° (DHEW publication (SRS) 72–03101; NCSS report A–4(70).) [Issued with perforations.] † ● Item 512–B HE 17.612:970

NATIONAL CLEARINGHOUSE FOR SMOKING AND HEALTH, Health, Education, and Welfare Dept., Rockville, MD 20852

16975 Facts: Smoking & health. [Revised Sept. 1971.] [1971.] cover title, 12 p. il. narrow 8° ([Publication (HSM) 72–7508.]) * Paper, $15 per 100; single copy, 20c. (S/N 1727–0023). ● Item 483–L–1
HE 20.2602:Sm 7/4/971

16976 A physician talks about smoking. July 1971. [3]+24 p. il. (HSM publication 72–7505.) † ● Item 483–L–1 HE 20.2602:Sm 7/10

16977 Teenage smoking, national patterns of cigarette smoking (ages 12–18, in 1968 and 1970. [1971.] [3]+144 p. il. 4° (DHEW publication (HSM) 72–7508.) † ● Item 483–L–1
L.C. card 78–614610 HE 20.2602 : Sm 7/11

NATIONAL CREDIT UNION ADMINISTRATION
1325 K St. N.W., Washington, DC 20256

NOTE.—The National Credit Union Administration was established by PL 91–206, approved Mar. 10, 1970.

16978 1970 annual report of National Credit Union Administration [Federal Credit Union program.] Aug. 1971. iv+104 p. il. 4° [Text on p. 2–3 of cover.] † ● Item 525 NCU 1.1 : 970

NATIONAL HEART AND LUNG INSTITUTE, Health, Education, and Welfare Dept., Bethesda, MD 20014

16979 Rhythm of the heart, review of research grants supported by National Heart and Lung Institute, 1949–1970 [with list of references]; by May Sherman, Ruth Allen, [and] Ellen M. Barnes. [1971.] xii+389 p. 4° (Extramural Research and Training.) † ● Item 507–E–1.
L.C. card 72–614657 HE 20.3202 : H 35/2

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION, Transportation Dept., Washington, DC 20591

16980 Forum on traffic safety alcohol countermeasures, for Women's National Organizations, Jan. 11–13, 1971, Washington, D.C. [June 30, 1971.] [36] p. il. oblong 8° [Text on p. 2 of cover. Title on cover is: Alcohol countermeasures, report on 1971 forum.] * Paper, 60c. (S/N 5003–0039). ● Item 982–D–1
L.C. card 78–614688 TD 8.2 : Al 1/2/971

NATIONAL INDUSTRIAL POLLUTION CONTROL COUNCIL
Washington, DC 20230

16981 Electric power industry, Sub-council report. Oct. 1971. 20 p. il. * Paper, 25c. ● Item 1070–B–2 Y 3.In 2/8 : 2 El 2/2

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES, Health, Education, and Welfare Dept. Bethesda, MD 20014

16982 Catalog of tissue typing antisera, 1971; edited by Donald B. Hare [and others]. 1971. [1]+xiii+803 p. 4° (Transplantation and Immunology Branch, Collaborative Research.) [Issued with perforations.] † ● Item 505–A–1 HE 20.3252 : An 8/971

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT, Health, Education, and Welfare Dept. Bethesda, MD 20014

16983 Birth rate and population growth in United States [with list of references; prepared by Public Information Office]. [July 1971.] cover title, [12] p. oblong 32° ([DHEW publication (NIH) 72–24.]) * Paper, 15c. (S/N 1746–0008). ● Item 506–D–2 HE 20.3352 : B 53

16984 Sudden infant death syndrome, summary of proceedings, Second International Conference on Causes of Sudden Infant Death, Seattle, 1969 [prepared by Scientific Information and Publications Branch]. [1971.] cover title, [2]+42 p. il. oblong 24° [Text on p. 2 and 3 of cover.] * Paper, 45c. (S/N 1746–0007). ● Item 506–D–2
HE 20.3352 : In 3/2/969/summ.

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‡Official Use. Not Available

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES, Health, Education, and Welfare Dept., Bethesda, MD 20014

16985 Prospects for designed genetic change, transcript report from National Advisory General Medical Sciences Council. [1971.] v+34 p. il. 4° ([DHEW publication NIH 72-28.]) † ● Item 497-C-1
L.C. card 76-614631 HE 20.3452 : G 28

NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and Welfare Dept., Chevy Chase, MD 20015

16986 Continuing education, agent of change, proceedings of National Conference on Continuing Education in Mental Health, sponsored by Continuing Education Branch, Division of Manpower and Training, National Institute of Mental Health, in cooperation with University of Chicago Center for Continuing Education, Oct. 25-27, 1967, at University of Chicago Center for Continuing Education; edited by Thomas G. Webster, Margaret E. Hoffman, [and] Warren C. Lamson. [1971.] viii+229 p. il. ([Public Health Service publication 2167.]) * Paper, $1.25. ● Item 507-B-5
L.C. card 73-614511 HE 20.2402 : Ed 8

Crime and delinquency topics: Monograph series. (Center for Studies of Crime and Delinquency.)

16987 Graduated release [with bibliography]. 1971. iii+30 p. ([Public Health Service publication 2128.]) * Paper, 25c. ● Item 507-B-13
L.C. card 73-614440 HE 20.2420/3 : G 75

16988 Lexington, Clinical Research Center [and] Addiction Research Center, Lexington, Ky. 1971. [2]+18 p. il. (Publication (HSM) 71-9071; Division of Narcotic Addiction and Drug Abuse.) * Paper, 20c. (S/N 1724-0130). ● Item 507-B-5 HE 20.2402 : L 59

16989 Mentally retarded offender; by Bertram S. Brown and Thomas F. Courtless. 1971. iii+62 p. (DHEW publication (HSM) 72-9039; Center for Studies of Crime and Delinquency.) [Formerly PHS publication 2159.] * Paper, 35c. ● Item 507-B-5
L.C. card 70-614675 HE 20.2402 : Of 2

16990 Script sound/filmstrip version of What do drugs do? [teacher's guide]. 1971. [12] p. il. (DHEW publication (HSM) 71-9070; Office of Communications.) [Contract HSM-42-70-118.] † ● Item 507-B-5
HE 20.2402 : D 84/16

NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE, Health, Education, and Welfare Dept. Bethesda, MD 20014

16991 Epilepsy abstracts, v. 3, nos. 1-12, Jan.-Dec. 1970, abstracts 1-1530; [editors, F. E. Posthumus Meyjes and N. J. Legg]. [1971.] cover title, [481] p. 4° [Cumulated edition. Text on p. 2 of cover.] † ● Item 507-A-18
HE 20.3509/2 : 3/1-12

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014

16992 National Institutes of Health research grants, fiscal year 1968 funds. [1971.] xi+248 p. (Statistics and Analysis Branch, Division of Research Grants; DHEW publication (NIH) 72-193.) † ● Item 507-D
HE 20.3013/2-2 : 971

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

16993 Decisions and orders of National Labor Relations Board, v. 178, July 31-Oct. 2, 1969. 1971. xi+727 p. 4° * Cloth, $7.00. ● Item 826 LR 1.8 : 178

NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, MD 20014

16994 Guide to MEDLARS services, brief description of system with emphasis on automated bibliographic search service. Revised Aug. 1971. [1971.] iii +22 p. 4° (DHEW publication (NIH) 72-255). † ● Item 508-K
HE 20.3608 : M 46/971

16995 Notes for medical catalogers, no. 10, Aug. 1971. 29 p. 4° † HE 20.3611 : 10

NATIONAL MARINE FISHERIES SERVICE, Commerce Dept. Washington, DC 20230

C.F.S. (series).

16996 5586. Chartbook of U.S. fishery supplies, 1960-70. Aug. 1971. [1]+ii+31 p. il. 4° (Current Economic Analysis Division.) † C 55.309/2 : 5586

16997 Fishery bulletin.
v. 68, no. 3. [Articles with lists of literature cited]. June 1971. [1]+347-512 p. il. 4° * Paper, $1.75 (S/N 0317-0041). ● Item 611
C 55.313 : 68/3

NATIONAL METEOROLOGICAL CENTER, Commerce Dept. Washington, DC 20235

16998 National Meteorological Center. [1971.] [6] p. il. oblong 24° ([NOAA/PA 71006.]) † ● Item 250-E-2 C 55.190 : N 21 m

NATIONAL MUSEUM, Smithsonian Institution Washington, DC 20560

16999 Hall of American Maritime Enterprise, proposal for new exhibit hall for National Museum of History and Technology, Smithsonian Institution in Washington, D.C. [1971.] [13] p. il. oblong large 8° * Paper, $1.00
SI 3.2 : M 33

17000 Music machines, American style, catalog of exhibition [with bibliography]; by Cynthia A. Hoover, with introductory notes by Erik Barnouw and Irving Kolodin. 1971. 140 p. il. 4° (National Museum of History and Technology.) * Paper, $2.75.
L.C. card 70-614474 SI 3.2 : M 97

NATIONAL OCEAN SURVEY, Commerce Dept. Washington, DC 20235

17001 Santa Rosa, Calif., earthquakes of Oct. 1, 1969; by Karl V. Steinbrugge, William K. Cloud, and Nina H. Scott. Rockville, Md., 1970. iv+99 p. il. 3 maps large 8° (Coast and Geodetic Survey.) [Issued by National Earthquake Information Center. Errata, 1 p. 8°, issued also.] * Paper, $2.00 ● Item 192
L.C. card 73-610598 C 4.2 : Sa 5 r/969

17002 United States earthquakes, 1969, [by Carl A. von Hake and William K. Cloud.] [July 1971.] vi+80 p. il. [Issued by National Earthquake Information Center.] * Paper, $1.00 ● Item 208 C 55.417/2 : 969

17003 United States coast pilot 1, Atlantic Coast, Eastport to Cape Cod. 8th edition. 1971. v+302 p. il. 4° [Corrected through Notices to mariners issued Aug. 4, 1971. Supersedes 7th (1965) edition.] † Paper, $2.00. ● Item 203 C 55.422 : 1/8

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, Commerce Dept., Washington, DC 20235

17004 Hurricane, greatest storm on earth [with bibliography]. [1971.] 34 p. il. oblong 8° ([NOAA/PA 70021.]) [Text on p. 2-3 of cover.] * Paper, 65c. (S/N 0318-0018). ● Item 250-E-2
L.C. card 77-614520 C 55.2 : H 94/4

*For Sale by Superintendent of Documents
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17005 NOAA, new agency. [1970.] [6] p. il. oblong 24° ([NOAA PI 70001.]) †
C 55.2 : N 21 oc

NOAA photoessay.

17006 2. SKYWARN. [1971.] [8] p. il. 4° ([NOAA/PA 71041.]) † ● Item 250–E–7
C 55.19 : 2

NOAA technical memorandums. (Environmental Research Laboratories, National Severe Storms Laboratory, Norman, Okla.)
C 55.13/2 : (letters–nos.)

17007 ERL NSSL–54. Model of precipitation and vertical air currents [with list of references; by] Edwin Kessler, William C. Bumgarner. June 1971. x+93+[2] p. il. 4° [Errata, 1 p., issued also.] Φ Paper, $3.00.

17008 ERL NSSL–55. NSSL surface network and observations of hazardous wind gusts [with list of references; by] Operations Staff. June 1971. iv +20 p. il. 4° Φ Paper, $3.00.

NOAA technical memorandum. (National Weather Service, Southern Region Headquarters, Scientific Services Division, Fort Worth, Tex.)

17009 NWS SR–55. Digitized Atlantic tropical cyclone tracks [with list of references; by] John R. Hope, Charles J. Neumann. July 1971. iii+147 p. il. 4° Φ Paper, $3.00. C 55.13/2 : NWS SR–55

NOAA technical report. (Environmental Research Laboratories, Boulder, Colo.)

17010 ERL 211–WPL 15. Note on terminologies used in gaseous absorption processes; [by] R. F. Calfee. Aug. 1971. [1]+7 p. 4° * Paper, 25c. ● Item 208–B–7 C 55.13 : ERL 211–WPL 15

NOAA technical report. (National Weather Service, Silver Spring, Md.)

17011 NWS 14. Weekly synoptic analyses 5-, 2-, and 0.4-millibar surfaces for 1968 (based on meteorological rocketsonde and high-level rawinsonde observations). May 1971. iii+169 p. il. 4° [Prepared by staff, Upper Air Branch, National Meteorological Center with support of National Aeronautics and Space Administration under contract P–44664(G).] * Paper, $1.50 (S/N 0318–0017). ● Item 208–B–7
C 55.13 : NWS–14

17012 When an earthquake strikes. [1971.] [2] p. 32°, folded into oblong 48° size. ([NOAA/PA 71051.]) * Paper, $7.50 per 100; single copy 10c. (S/N 0318–0019). C 55.2 : Ea 7

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

17013 Criteria for selection of national parklands and national landmarks. [Revised 1971.] [1971.] 30+[2] p. il. narrow 8° [Title on cover is: NPS criteria for parklands.] * Paper, 35c. (S/N 2405–0279). ● Item 648
L.C. card 75–614821 I 29.2 : C 86/971

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

17014 Science resources studies highlights: Unemployment rate for engineers, June–July 1971; [prepared in National Register Group, Division of Science Resources Studies]. Sept. 23, 1971. 4 p. 4° (NSF 71–33.) †
NS 1.31 : En 3

17015 World Data Center A, Oceanography: Oceanographic data exchange, 1970 [with list of references]; prepared by Ronald E. Moffat and E. Godfrey Trammell, jr. Aug. 1971. iv+28 p. 4 [Includes list of publications of World Data Center A, Oceanography.] † ● Item 834–N–2
NS 1.32 : 970

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept., Washington, DC 20590

Aircraft accident report NTSB–AAR (series). Φ Paper, $12.00 a yr; $3.00 additional for foreign mailing; single copy, $3.00.

17016 71–9. Alitalia Airlines, McDonnell-Douglas DC–8–62, 1–DIWZ (Italian registry), John F. Kennedy International Airport, Jamaica, N.Y., Sept. 15, 1970; adopted Apr. 28, 1971. [1971.] iv+19 p. il. map, 4° (SA–zone; file A–0003.) [Erratum, dated Sept. 3, 1971, 1 p., and Errata, 1 p., issued also.] TD 1.112 : 71–9

NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept. Washington, DC 20360

17017 Color for naval shore facilities, Jan. 1971. [1971.] [138] p .il. 4° (NAVFAC P-309.) [Issued in looseleaf form, with marginal index tabs on cardboard showing chapter numbers and titles. Some illustrations are colored.] * Paper, $4.75. Item 418 D 209.2 : C 71/971

Design manual DM (series). [Issued in looseleaf form.]

17018 33. Hospital and medical facilities [with list of criteria sources]. June 1971. [98] p. il. 4° [Cancels and supersedes NAVFAC DM-33 of July 1967 and Change 1 of Nov. 1967 in full, including the index.] * Paper, $1.00 (S/N 0850-0083). ● Item 418-A D 209.14/2 : 33/4

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

Publications. ● Item 378 (Rev. 1957) D 203.22 : (nos.)

17019 90. Change 11, Aug. 28, 1971, loose leaf change pages for correcting Sailing directions for Philippine Islands, v. 1, 1st edition, 1955. [1971.] [224] p. il. 4° [Formerly No. 78. Includes list of effective pages.] † Paper, $1.75.

17020 1310. Radar navigation manual [with bibliography]; by Ernest B. Brown. 1st edition 1971. [1971.] [192] p. il. oblong 8° [Supersedes H.O. publication 257.] * Plastic, $2.75.

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

17021 Bibliography for advancement study. [Mar. 1971 edition.] Mar. 1971. [3] +129 p. 4° (NAVPERS 10052-S.) ‡ ● Item 401-A D 208.15 : Ad 9

17022 Bureau of Naval Personnel manual, [Change 10]. Aug. 3, 1971. [184] p. 4° [Issued in looseleaf form.] * Paper, $8.50 (including basic manual and supplementary material for an indefinite period); $2.00 additional for foreign mailing. ● Item 403-A D 208.6/2 : 969/ch.10/71

17023 Instrumentman 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1949, revised 1963]. [1971.] cover title, v+448 p. il. 4° (Rate training manual; NAVPERS 10193-C.) ‡ ● Item 404 D 208.11 : In 7/2/971

17024 Principles of naval ordnance and gunnery; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1971.] cover title, iv+551 p. il. 4° (NAVPERS 10783-B.) ‡ ● Item 404 D 208.11/2 : Or 2/3/971

17025 Seaman; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1948, revised 1971.] [1971.] cover title, iii+198 p. il. 4° (Rate training manual; NAVPERS 10120-F.) [Some illustrations are colored.] ‡ ● Item 404
L.C. card 78-614444 D 208.11 : Se 1/971

17026 Ship's serviceman 1 & C; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [1st edition 1950, revised 1967.] [1971.] cover title, iii+188 p. il. 4° (Rate training manual, NAVPERS 10287-E.) ‡ ● Item 404 D 208.11 : Sh 6/967-2

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

17027 Naval Training Device Center, index of technical reports, basic research, exploratory development, advanced development; [by Lemuel E. Walker.] Apr. 1, 1971. cover title, [66] p. 4° (NAVTRADEV P-3695.) [All titles unclassified. Issued with perforations.] ‡ D 210.14/2 : T 22

NRL report. (Naval Research Laboratory.) D 210.8 : (nos.)

17028 7179. Direct computation of power density and energy density spectra [with list of references; by] W. B. Moseley. Mar. 31, 1971. cover title, ii+38 p. il. 4° [NRL problem S01-35; project S2407.] Φ Paper, $3.00 (AD 723185).

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17029 7207. Acoustic radiation impedance of caps and rings on oblate spheroidal baffles [with list of references; by] R. V. Baier. July 16, 1971. cover title, ii+42 p. il. 4° [NRL problem S01-29, project RR 102-08-41-5226.] Φ Paper, $3.00 (AD 728 382).

17030 7225. Machine computation of Grunsky coefficients of Schlicht functions [with list of references; by] Allen R. Miller. Mar. 22, 1971. cover title, ii+164 p. il. 4° ([NRL problem R06-28, project X-3607, task 60708.]) Φ Paper, $3.00 (AD 722334).

17031 7242. Optimal distribution of passive sensors for underwater detection [with list of references; by] Jong-Sen Lee. June 18, 1971. cover title, [1]+16 p. il. 4° [NRL problem B01-10, project RR 003-02-41-6-6152.] Φ Paper, $3.00 (AD 728 383).

17032 7248. Analysis of interleaved arrays of waveguide elements [with list of references; by] James K. Hsiao. Apr. 16, 1971. cover title, ii+26 p. il. 4° ([NRL problem R02-33, project SF 11-141-005-13628.]) Φ Paper, $3.00 (AD 723520).

17033 7272. Starting algorithm for minimal cost survivable networks [with bibliographies; by] Alvin B. Owens. July 16, 1971. cover title, i+10 p. il. 4° (Operations Research Group report 71-3.) [NRL problem B01, project RR 003-02-41-6153.] Φ Paper, $3.00 (AD 728 744).

17034 7273. Evaluation of nonlinear optical materials by 2d-harmonic powder technique [with list of references; by] J. F. Giuliani, L. S. Goldberg and F. Von Batchelder. Apr. 29, 1971. cover title, 8 p. il. 4° ([NRL problem N01-22.501, project ARPA order 309, amdt. 15.] Φ Paper, $3.00 (AD 724300).

17035 7280. Automatically controlled power system for communications buoy [with bibliography; by] Edward J. Kennedy. July 21, 1971. cover title, ii+14 p. il. 4° [NRL problems R01-15.201 and R01-15.203; Nav Ships Sys Com Tasks SF-14-222-006-7461 and S-3203-11228.] Φ Paper, $3.00 (AD 728 384).

17036 7282. H_2 vacuum UV laser rate coefficients [with list of references; by] A. W. Ali and A. D. Anderson. July 28, 1971. cover title, ii+18 p. il. 4° ([NRL problem H02-27.]) Φ Paper, $3.00 (AD 729007).

17037 7285. Bistatic acoustic scattering from ocean bottom [with list of references; by] B. G. Hurdle, K. D. Flowers, and K. P. Thompson. Aug. 5, 1971. cover title, ii+20 p. il. 4° [NRL problems S01-12 and S01-40.] Φ Paper, $3.00 (AD 728 745).

17038 7286. Crack propagation in aluminum alloys under high-amplitude cyclic load [with list of references; by] T. W. Crooker. July 12, 1971. cover title, ii+18 p. il. 4° [NRL report M01-25; project RR 007-01-46-5432.] Φ Paper, $3.00 (AD 728380).

17039 7288. Coefficient of friction of high polymers as function of pressure [with list of references; by] R. C. Bowers. June 16, 1971. cover title, ii+16 p. il. 4° [NRL problems C02-03 and C02-22; project RR 007-08-44-5501 and A31-310/652/69-R001-07-01.] Φ Paper, $3.00 (AD 726685).

17040 7299. Comparison of plane stress fracture toughness for three aluminum sheet alloys [with list of references; by] C. N. Freed, A. M. Sullivan and J. Stoop. Aug. 11, 1971. cover title, i+10 p. il. 4° [NRL problem M01-24; project RR 007-01-46-5431.] Φ Paper, $3.00 (AD 729641).

17041 7314. Radial heat conduction in laser heating of material slabs [with one reference; by] Robert N. DeWitt. Aug. 10, 1971. cover title, 8 p. il. 4° ([NRL problem R07-14, project RR 002-09-41-5061.]) Φ Paper, $3.00 (AD 729642).

NAVY DEPARTMENT, Defense Dept.
Washington, DC 20350

17042 Civilian career opportunities, engineers and scientists, aerospace, electrical, industrial, civil, mechanical, nuclear, chemical, physics, mathematics. [Rev. June 1971.] [1971.] [14] p. il. narrow 8° (NAVSO P-3057; Recruitment Division, Capital Area Personnel Service Office.) † ● Item 370 D 201.2: En 3/971

17043 United States Navy and Marine Corps awards manual, Change transmittal 3. Aug. 19, 1971. [87] p. 4° (SECNAVINST 1650.1D CH-3.) [Issued in looseleaf form.] ‡ ● Item 373 D 201.6: Aw 1/ch.3

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION,
Labor Dept., Washingon, DC 20210

NOTE.—The Occupational Safety and Health Administration was established within the Department of Labor by Public law 91-596, approved Apr. 28, 1971.

Occupational safety aid, Department of Labor safety training programs, OSA OSHA-(series). ● Item 765-G L 35.10: (nos.)

17044 175. Safe lifting. [Revised 1971.] [1971.] [7] p. il. 4° * Paper, 10c. (S/N 2915-0003).

17045 181. Supervisory responsibility for safety [Revised] 1971. [1971.] [8] p. il. 4° * Paper, 10c.

Safety work guide, Department of Labor safety training programs OSHA-(series).

17046 196. Safe practices for users of gas burning and welding equipment. [1971.] [4] p. il. 4° * Paper, 10c. ● Item 764–C L 35.11 : 196

PATENT OFFICE, Commerce Dept.
Washington, DC 20231

17047 [Rules of practice in patent cases, Jan. 1970.] Revision 2, July 1971. [1971.] [71] p. [Includes amendments to rules effective Oct. 13, 1970–Sept. 1, 1971.] * Paper, $2.00 (including basic manual and supplementary material for an indefinite period); 50c. additional for foreign mailing ● Item 262 C 21.14 : P 27/970/rev.2

PRESIDENT OF UNITED STATES
Washington, DC 20501

17048 American profile, what States are doing (and can do) to hire handicapped. [1971.] vi+74 p. ([President's Committee on Employment of the Handicapped.]) † President's Committee on Employment of the Handicapped, 7131 Department of Labor Building, Washington, DC 20210 ● Item 766–C PrEx 1.10 : Am 3

17049 People speak, 236 views on employment of handicapped, achievements of past, needs of future, [President's Committee on Employment of the Handicapped] annual meeting, minutes, Apr. 14–16, [1971.], pt. 2. [1971.] [5]+31 p. 4° † President's Committee on Employment of Handicapped, 7131 Department of Labor Building, Washington, DC 20210 ● Item 766–C PrEx 1.10 : M 66/971/pt.2

17050 Report of Ad Hoc Advisory Group on Presidential Vote for Puerto Rico. Aug. 18, 1971. iii+[1]+58 p. [English and Spanish.] * Paper, 25c. ● Item 851–J
L.C. card 73–614329 Pr 37.8 : P 96/R 29

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.
Washington, DC 20201

17051 Kansas River Basin water pollution investigation [with list of references]. June 1949. iii+350 p. il. 19 pl. 4° (Water Pollution Control Division, Missouri River Basin Office, Kansas City, Mo.) [Prepared in cooperation with Bureau of Reclamation, Corps of Engineers, Kansas State Board of Health, and Nebraska State Department of Health. One illustration is colored.] † (Environmental Protection Agency)
L.C. card 76–614457 FS 2.2 : K 13

17052 Lower Platte River Basin water pollution investigation [with bibliographies]. June 1950. iii+184 p. il. 12 pl. 4° (Division of Water Pollution Control, Missouri Drainage Basin, Kansas City, Mo.) [Prepared in cooperation with Bureau of Reclamation, Region 7, and Nebraska State Department of Health. One illustration is colored.] † (Environmental Protection Agency)
L.C. card 79–614455 FS 2.2 : L 95 p

17053 Niobrara River Basin (including Ponca Creek valley) water pollution investigation. Sept. 1950. iv+75 p. il. 6 pl. 4° (Division of Water Pollution Control, Missouri Drainage Basin, Kansas City, Mo.) [Prepared in cooperation with Bureau of Reclamation, Region 7, and Water Pollution Control agencies of Nebraska, South Dakota, and Wyoming.] † (Environmental Protection Agency) FS 2.2 : N 62

17054 North Platte River Basin water pollution investigation [with list of references]. Jan. 1951. iv+156 p. il. 14 pl. 4° (Division of Water Pollution Control, Missouri Drainage Basin, Kansas City, Mo.) [Prepared in cooperation with Bureau of Reclamation, Region 7, and Water Pollution Control Agencies of States of Colorado, Nebraska, and Wyoming.] † (Environmental Protection Agency)
L.C. card 72–614456 FS 2.2 : N 81 p

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17055 Oxygen relationships in streams, methodology to be applied when determining capacity of streams to assimilate organic wastes; [by] Tharp and Gardner. n.d. cover title, [3]+38 leaves, il. 4° (CB–SRBP Technical paper 3; DWS&PC, region 3.) ‡ FS 2.2: Ox 9

17056 Progress report for Conference on pollution of Raritan Bay and adjacent interstate waters, 2d session. Apr. 1963. cover title, [132] p. il. 4° ‡ FS 2.2: R 18

17057 Report on pollution of interstate waters of Blackstone and Ten Mile Rivers, Massachusetts and Rhode Island; [by] Kenneth M. Mackenthun [and others]. Jan. 1965. cover title, v+54+[59] p. 18 pl. 4° (Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.) † HE 20.2: B 56

17058 Review of literature of 1959 on water pollution [with list of references]. Apr. 1960. [3]+90 p. 4° (Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio.) [Prepared for Research Committee of Water Pollution Control Federation.] †
L.C. card 70–614564 FS 2.2: W 29/64/959

17059 2d conference on interstate pollution of North Fork, Holston River, Kingsport, Tenn., June 19, 1962. [1962.] cover title, [3]+147 p. il. 4° ‡ FS 2.2: H 74

17060 Transcript of conference in matter of pollution of interstate waters of Raritan Bay and adjacent interstate waters, 2d session, May 9, 1963, New York, N.Y. [1963.] cover title, [157] p. il. 4° ‡ FS 2.2: R 18/2

17061 Water quality control study and public health aspects of Battlement Mesa project [with bibliography]. June 1965. [40] leaves, il. 4° (Region 8, Denver, Colo.) [Prepared at request of and in cooperation with Reclamation Bureau, Region 4, Interior Department, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2: B 32

17062 Water quality control study and public health aspects of Cache La Poudre project, Colo. [with bibliography]. Denver, Colo., June 1965. [77] p. il. 4° (Division of Water Supply and Pollution Control.) [Prepared in cooperation with Reclamation Bureau, Region 7, Denver, Colo.] † Environmental Protection Agency HE 20.2: C 11

17063 Water quality control study and public health aspects of Upalco unit, Central Utah project, Utah [with bibliography]. June 1965. [40] leaves, il. 4° (Division of Water Supply and Pollution Control; Region 8.) [Prepared at request of and in cooperation with Reclamation Bureau, Region 4, Interior Department, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2: C 33

17064 Water quality control study and public health aspects of West Divide project, Colo. [with list of references]. Oct. 1964. [54] leaves il. 4° (Region 8, Denver, Colo.) [Prepared at request and in cooperation with Bureau of Reclamation, Region 4, Dept. of Interior, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2: W 52

17065 Water quality control study, Elkhorn River basin, Nebr., study of need and value of storage for water quality control. Kansas City, Mo., Dec. 1965. cover title, [37] leaves, il. 4° [Prepared for Reclamation Bureau, Region 7, Niobrara-Lower Platte Projects.] † Environmental Protection Agency HE 20.2: El 5

17066 Water quality studies on Columbia River [with bibliography]; by Gordon G. Robeck, Crosswell Henderson, Ralph C. Palange. Cincinnati, Ohio, 1954. [326] p. il. 4° (Bureau of State Services, Division of Sanitary Engineering Services, Robert A. Taft Sanitary Engineering Center.) † Environmental Protection Agency
L.C. card 73–614467 FS 2.2: C 72/3

17067 Water resources study and public health aspects of Bear River project, Idaho and Utah [with bibliography]. Denver, Colo., Dec. 1962. [50] leaves, il. 4° (Division of Water Supply and Pollution Control.) [Prepared in cooperation with Reclamation Bureau, Region 4, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2 : B 38

17068 Water resources study and public health aspects of Central Utah project, Bonneville unit, Utah [with bibliography]. Feb. 1963, revised July 1963. [1963.] [8]+56+[5] leaves 5 pl. 4° (Region 8, Denver, Colo.) [Prepared in cooperation with Bureau of Reclamation, Region 4, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2 : C 33/2

17069 Water resources study and public health aspects of Dallas Creek project, Colo., study of potential needs and value of storage of water for quality control purposes and public health aspects of the project. Denver, Colo., Oct. 1963. [72] p. il. 4° (Region 6; Division of Water Supply and Pollution Control.) [Prepared at request of Reclamation Bureau, Region 4, Interior Dept.] † Environmental Protection Agency.
HE 20.2 : D 16

17070 Water resources study and public health aspects of San Miguel project, Colo. [with bibliographies]. Denver, Colo., June 1964. [82] leaves, il. 4° (Division of Water Supply and Pollution Control.) [Prepared in cooperation with Reclamation Bureau, Region 4, Salt Lake City, Utah.] † Environmental Protection Agency HE 20.2 : Sa 5 m

17071 Water resources study, Marmaton River basin, Kans. and Mo., study of potential needs and value of water storage for municipal, industrial, and quality control purposes [with bibliography]. Kansas City, Mo., Mar. 1964. [44] leaves, il. 4° (Region 6.) [Prepared at request of Army Engineer District, Kansas City, Mo.] † Environmental Protection Agency HE 20.2 : M 34

17072 Water resources study, Meramec River basin, Mo., study of potential needs and value of water for municipal, industrial, and quality control purposes [with bibliography]. Apr. 1963. cover title, [70] leaves, il. 4° (Region 6, Kansas City, Mo.) [Prepared in cooperation with Department of Army, U.S. Army Engineer District, St. Louis, Mo.] † Environmental Protection Agency HE 20.2 : M 53

17073 Water resources study, Milford Reservoir project, Kansas River basin, Kans., study of potential needs and value of water storage for municipal, industrial and quality control purposes [with bibliography]. Kansas City, Mo., Mar. 1964. vi+67 leaves, 13 pl. 4° [Prepared in cooperation with Robert A. Taft Sanitary Engineering Center, Cincinnati, Ohio and Army Engineer District, Kansas City, Mo.] † Environmental Protection Agency HE 20.2 : M 59

17074 Water resources study, Mississippi River headwaters reservoirs, Minn., study of potential needs and value of water storage for municipal, industrial, and quality control purposes [with bibliography]. [Dec. 1963.] cover title, [79] leaves il. 4° (Region 6, Kansas City, Mo.) [Prepared for Department of Army, U.S. Army Engineer District, St. Paul, Minn.] † Environmental Protection Agency
L.C. card 70-614773 HE 20.2 : M 69 1/2

17075 Water resources study, Round Mound Dam & Reservoir, Smoky Hill River basin, Kans., study of potential needs and value of water storage for quality control [with bibliography]. Kansas City, Mo., Nov. 1963. [57] leaves, il. 4° [Prepared for Reclamation Bureau, Kansas River Projects Office, McCook, Nebr.] † Environmental Protection Agency
HE 20.2 : R 76

17076 Water supply and water quality control study, Big Blue River basin, Nebraska and Kansas, study of needs and value of storage for municipal and industrial water supply and water quality control. May 1965. [58] p. 2 pl. 4° (Region 6, Kansas City, Mo.) [Prepared for Department of the Army, Army Engineer District, Kansas City, Mo.] † Environmental Protection Agency HE 20.2 : B 48 b

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
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17077 Water supply and water quality control study, Blue River basin, Kansas and Missouri, study of needs and value of water storage for municipal, industrial and quality control purposes [with bibliography]. Mar. 1965. [50] leaves, 1 map 4° (Region 6, Kansas City, Mo.) [Prepared for Department of Army, Army Engineer District, Kansas City, Mo.] † Environmental Protection Agency HE 20.2 : B 62

17078 Water supply and water quality control study, Nemaha River basin, Kans. and Nebr. [study of potential needs and value of water storage for municipal, industrial and quality control purposes, with bibliography]. June 1964. [46] leaves, il. 4° (Region 6, Kansas City, Mo.) [Prepared for Department of the Army, Army Engineer District, Kansas City, Mo.] † Environmental Protection Agency HE 20.2 : N 34

17079 Water supply and water quality control study, Osage River basin, Kans. and Mo., study of needs and value of storage for municipal and industrial water supply and water quality control [with bibliography]. Kansas City, Mo., Aug. 1965. [71] leaves, il. 4° [Prepared for Army Engineer District, Kansas City, Mo., Region 6.] † Environmental Protection Agency HE 20.2 : Os 1

RADIOLOGICAL HEALTH BUREAU, Health, Education, and Welfare Dept., Rockville, MD 20852

BRH/DEP (series). ● Item 468–A–5 HE 20.4110 : (nos.)

17080 72–1. Evaluation of Toshiba capacitor discharge mobile X-ray machine; [by] G. F. Grove, jr. Aug. 1971. ix+19+[2] p. il. 4° (DHEW publication (FDA) 72–8006.) * Paper, 35c. (S/N 1715–0024).

17081 72–3. Radiation safety in X-ray diffraction and spectroscopy, proceedings of conference sponsored by American Crystallographic Association; Delaware Valley Chapter, Health Physics Society; Delaware Valley Section, Society of Applied Spectroscopy held on Jan. 6–7, at University of Pennsylvania, Philadelphia, Pa.; [with lists of references]; edited by Thomas M. Moore, Walter E. Gundaker and John W. Thomas. Sept. 1971. ix+239+[2] p. il. 4° (DHEW publication (FDA) 72–8009.) * Paper, $2.00.
L.C. card 79–614550

BRH/DMRE (series). ● Item 483–M HE 20.4112 : (nos.)

17082 71–3. Storage and handling devices for radium; [by] Radioactive Materials Investigations Section, Division of Medical Radiation Exposure. June 1971. vii+9+[2] p. il. 4° * Paper, 30c. (S/N 1715–0019).

17083 71–5. Nuclear medical technology training, proceedings of colloquium, sponsored by University of Cincinnati Medical Center, held on Feb. 28, 1969 at Radioisotope Laboratory, Cincinnati General Hospital, Cincinnati, Ohio; edited by Guy H. Simmons. June 1971. vii+71+[2] p. 4° ((FDA) 72–8002.) * Paper, 75c. (S/N 1715–0022).
L.C. card 73–614609

17084 72–2. National Conference on college affiliated educational programs in radiologic technology, conference held at Center of Adult Education, University of Maryland, College Park, Md., Dec. 8–11, 1970. June 1971. xv+276+[6] p. il. 4° (FDA 72–8011.) [Includes list of conference references and recomended publications.] * Paper, $2.25.
L.C. card 77–614563

REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

17085 Guidelines for projects with industry, to provide training and employment to handicapped individuals under sec. 4(a)(2)(B) of Vocational rehabilitation act. July 1971. cover title, ii+20+[2] p. 4° † HE 17.108 : In 2

17086 Selected rehabilitation facilities in United States, architect's analysis; by Thomas K. FitzPatrick. [1971.] ii+58 p. il. oblong 12° ([SRS–RSA–184–71.] [Text and other illustrations on p. 2–3 of cover.] * Paper, 65c.
● Item 529
L.C. card 78–614452 HE 17.102 : F 11

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.
Washington, DC 20250

17087 Action now, total community development thru co-op leadership, South Carolina shows the way. [Sept. 1971.] [16] p. il. oblong 4° ● Item 116 A 68.2 : C 73

17088 List of materials acceptable for use on telephone systems of REA borrowers, Aug. 1970, supp. 3. Aug. 1971. [82] p. 4° (REA bulletin 344–2.) [Issued in looseleaf form.] * Paper, $3.00 (including basic manual and 2 irregular supplements) ; 75c. additional for foreign mailing. ● Item 116–A A 68.6/5 : 970/supp.3

REA bulletin.

17089 101–3. Business management for board members of electric cooperatives [with lists of references]. June 1971. cover title, ii+43 p. il. 4° † ● Item 116 A 68.3 : 101–3/3

SAVINGS BONDS DIVISION, Treasury Dept.
Washington, DC 20226

17090 Bond teller. [Irregular. Formerly entitled Bond tips.] † T 66.24/2 : (v.nos.& nos.)

v. 1, issue 1 — Oct. 1971 —

17091 Information about series E and H savings bonds. June 1971. [6] p. il. narrow 8° ([SBD–982].) † ● Item 971 T 66.2 : B 64/60

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

17092 Investment advisers act of 1940, and general rules and regulations thereunder, as in effect Apr. 1, 1971. [1971.] v+33 p. 4° [Published in Code of Federal regulations as title 17, pt. 275.] * Paper, 45c. (S/N 4600–0078). ● Item 906 SE 1.5 : In 8/2/971

17093 Public utility holding company act of 1935, as amended Oct. 15, 1970. [1971.] [3]+29 p. 4° * Paper, 25c. ● Item 906 SE 1.5 : P 96/970

SMITHSONIAN INSTITUTION
Washington, DC 20560

Archives and special collections of Smithsonian Institution.

17094 1. Preliminary guide to Smithsonian archives, 125th anniversary of Smithsonian Institution. Smithsonian Institution Press, 1971. cover title, 72 p. 4° † ● Item 910–H
L.C. card 70–170087 SI 1.34 : 1

Smithsonian contributions to paleobiology. ● Item 910–G SI 1.30 : (nos.)

17095 6. Functional morphology and biofacies distribution of cheilostome bryozoa in Danian stage (Paleocene) of southern Scandinavia [with list of literature cited ; by] Alan H. Cheeham. 1971. iv+87 p. il. 4° * Paper, $1.50

17096 9. Catalog of type specimens of invertebrate fossils : Conodonta [with list of literature cited] ; compiled by Frederick J. Collier. 1971. [2]+256 p. il. 4° * Paper, $2.50 (S/N 4700–0147).
L.C. card 75–614489

Smithsonian contributions to zoology. ● Item 910–D SI 1.27 : (nos.)

17097 84. Butterflies of genus Vanessa and of resurrected genera Bassaris and Cynthia (Lepidoptera : Nymphalidae) [with list of literature cited ; by] William D. Field. 1971. [2]+105 p. il. 4° * Paper, $1.50
L.C. card 77–614571

17098 91. Systematics, distribution, and evolution of Nocomis biguttatus species group (family Cyprinidae, Pisces) with description of new species from Ozark upland [with list of literature cited ; by] Ernest A. Lachner and Robert E. Jenkins. 1971. [3]+28 p. il. 4° * Paper, 40c.
L.C. card 73–614562

17099 104. Revision of some species referred to Leptonereis, Nicon, and Laeonereis (Polychaeta : Nereididae) [with list of literature cited ; by] Marian H. Pettibone. 1971. [2]+53 p. il. 4° * Paper, 60c. (S/N 4700–0136).
L.C. card 70–614678

17100 106. Neotropical Microlepidoptera XX : Revision of genus Setiostoma (Lepidoptera : Stenomidae) [with list of literature cited ; by] W. Donald Duckworth. 1971. [2]+45 p. il. 4° * Paper, 55c. (S/N 4700–0146).
L.C. card 74–614679

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SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

17101 Grants administration policies, long term and short term training grants. [1971.] vi+55 p. 4° (DHEW publication SRS 72-04001.) [Issued with perforations.] † ● Item 512-A-3 HE 17.8 : G 76

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

Preliminary findings from survey of new beneficiaries, report.

17102 5. Some factors related to retroactive entitlement; [by Carol Zuckert]. Aug. 1971. [1]+10+[4] p. il. 4° (Office of Research and Statistics.) † HE 3.46/2 : 5

Social security bulletin, statistical supplement.

17103 History of provisions of old-age, survivors, disability, and health insurance; [by Marlee C. Hart and Jane M. Ceccarelli]. June 1971. cover title, [1]+13-22 p. 4° (DHEW publication (SSA) 72-11501 (8-71) Office of Actuary.) † HE 3.3/3 a : Ol 1

SSI (series).

17104 14a. Important facts about medical insurance benefits under medicare. Jan. 1971. 5 p. narrow 12° ([DHEW publication (SSA) 72-10003.]) † ● Item 523-B HE 3.52 : 14 a/4

17105 Your social security check while you're outside the United States. [July 1971.] 17 p. narrow 8° ([DHEW publication SSA 72-10060; SSA-609.]) † ● Item 516 HE 3.2 : C 41

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

17106 Grass for conservation and environmental quality. [Fort Worth, Tex., 1971.] [12] p. il. oblong 8° ‡ A 57.2 : G 76/9

17107 National handbook of conservation practices. July 1971. cover title, [247] p. 4° [Issued in looseleaf form.] † ● Item 120-A A 57.6/2 : C 76/2/971

17108 Soil and water conservation in Louisiana. Alexandria, La., Apr. 1971. 24 p. il. 4° ‡ A 57.2 : L 93/2

17109 Soil survey: Addison County, Vt. [with list of literature cited; by John E. Griggs]. Oct. 1971. cover title, [1]+119 p. il. 103 p. of pl. and maps, 2 pl. in pocket, 4° [Prepared in cooperation with Vermont Agricultural Experiment Station. Text on p. 2 of cover. One map is colored. * Paper, $6.50. ● Item 102 (Rev. 1957)
L.C. card 72-614519 A 57.38 : Ad 2

17110 —— Alcorn County, Miss. [with list of literature cited; by Karl H. Miller]. Sept. 1971. cover title, i+54 p.+[1] leaf, il. 42 p. of pl. and maps, 4° [Prepared in cooperation with Mississippi Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, $3.00. ● Item 102 (Rev. 1957)
L.C. card 79-614376 A 57.38 : Al 1

17111 —— Mahoning County, Ohio [with list of literature cited; by Hebert D. Lessig and others]. Oct. 1971. cover title, [1]+124 p. il. 72 p. of pl. and maps, 4° [Prepared in cooperation with Ohio Agricultural Research and Development Center. Text on p. 2 of cover. One map is colored.] * Paper, $4.50. ● Item 102 (Rev. 1957)
L.C. card 77-614492 A 57.38 : M 27

17112 —— Okeechobee County, Fla. [with list of literature cited; by Samuel H. McCollum and Robert F. Pendleton]. Sept. 1971. cover title, i+62 p. il. 75 p. of pl. and maps, 4° [Prepared in cooperation with University of Florida Agricultural Experiment Stations. Text on p. 2 of cover. One map is colored.] * Paper, $4.25. ● Item 102 (Rev. 1957)
L.C. card 72-614385 A 57.38 : Ok 2

17113 Watershed development in Georgia, status report, Jan. 1, 1971. [Fort Worth, Tex., 1971.] [4] p. il. 4° [Map is colored.] ‡ A 57.2 : G 29

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept.
Washington, DC 20240

FGL [Foreign game leaflet] (series).

17114 24. Chukar and great partridges [with list of references; by Wayne H. Bohl]. June 1971. 4 p. il. 4° * Paper, 10c. (S/N 2410-0266). ● Item 611-G
I 49.15/3 : (nos.)

Special scientific report: Wildlife (series). ● Item 614-C
I 49.15/3 : (nos.)

17115 142. Trends in harvest of migratory game birds other than waterfowl, 1964-65 to 1968-69 [with list of references]; compiled by Duncan MacDonald and Elwood Martin. 1971. iv+29 p. 4° * Paper, 40c. (S/N 2410-0272).
L.C. card 72-614377

17116 143. Literature survey on general and comparative enzyme biochemistry of birds [with list of literature cited]; by H. Ping Pan. 1971. iv+70 p. 4° ‡
L.C. card 75-614383

STATE DEPARTMENT
Washington, DC 20520

Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, $3.50 per yr., $3.00 additional for foreign mailing; single copies, each 10c. ● Item 862-B

17117 People's Republic of China [with reading list]. [Revised Aug. 1971.] [1971.] 12 p. il. 4° ([Publication 7751.]) S 1.23 : L 44/971

17118 Republic of Burundi [with reading list]. [Revised July 1971.] [1971.] 5 p. il. 4° ([Publication 8084.]) S 1.123 : B 95/971

17119 Republic of Senegal [with reading list]. [Revised July 1971.] July 1971. 4 p. il. 4° ([Publication 7820.]) S 1.123 : Se 5/971

17120 State of Israel [with reading list]. [Revised Sept. 1971.] [1971.] 8 p. il. 4° ([Publication 7752.]) S 1.123 : Is 7/971

17121 Surinam [with reading list]. [Revised July 1971.] [1971.] 4 p. il. 4° ([Publication 8268.]) S 1.123 : Su 7/971

East Asian and Pacific series.

17122 202. Current foreign policy: Program for peace in Viet-Nam. [Oct. 1971.] 7 p. 4° ([Publication 8603]; Bureau of Public Affairs. Office of Media Services.) * Paper, 10c. (S/N 4400-1357). ● Item 870 S 1.38 : 202

General foreign policy series.

17123 257. Principles and pragmatism in American foreign policy, address [given before American Legion Convention at Houston, Tex., Aug. 31, 1971] by Secretary of State, William P. Rogers. [Sept. 1971.] cover title, 16 p. narrow 8° ([Publication 8609; Office of Media Services, Bureau of Public Affairs.]) * Paper, 20c. ● Item 875 S 1.71 : 257

International boundary study. (Geographer [Directorate for Functional Research], Bureau of Intelligence and Research.) ‡ S 1.119/3 : (nos.)

17124 114. Mozambique-Zambia boundary [with list of documents and maps]. Sept. 8, 1971. cover title, [1]+6 p. map 4°

17125 115. Cameroon-Gabon boundary [with list of documents and maps]. Sept. 24, 1971. cover title, [1]+4 p. map. 4°

International organization and conference series.

17126 96. U.S. participation in UN, report by President to Congress for year 1970. [Sept. 1971.] vii+235 p. ([Publication 8600; Bureau of International Organization Affairs.]) [Also issued as H. doc. 81, 92d Cong., 1st sess.] * Paper, $1.00 (S/N 4400-1379). ● Item 882-B S 1.70 : 96

17127 Multinational production consortia, lessons from NATO experience; by Jack N. Behrman. [Aug. 1971.] v+30 p. il. 4° ([Publication 8593; Office of External Research, Bureau of Intelligence and Research.]) * Paper, 35c. ● Item 876
L.C. card 76-174732 S 1.2 : P 94

Treaties and other international acts series. * Paper, $15.00 a yr. (approximately 150 issues), $7.00 additional for foreign mailing; single copies vary in price. (Issues of $1.00 or more are not furnished as part of the subscription). ● Item 899 S 9.10 : (nos.)

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17128 7137. Additional protocol II to treaty for prohibition of nuclear weapons in Latin America, done Mexico Feb. 14, 1967; [proclaimed by President of United States June 11, 1971; entered into force with respect to United States May 12, 1971]. [1971.] [2]+33 p. [English, French, Portuguese, and Spanish.] * Paper, 20c.
L.C. card 74-614494

17129 7138. Trade, Greek compensatory concessions under General Agreement on Tariffs and Trade, protocol between United States and Greece, signed Athens May 31, 1971, with exchange of letters; [entered into force May 31, 1971]. [1971.] [2]+15 p. [Greek and English.] * Paper, 15c.
L.C. card 73-614704

17130 7144. International wheat agreement, 1971, wheat trade convention and food aid convention, 1971, between United States and other governments, open for signature Washington from Mar. 29-May 3, 1971; [proclaimed by President of United States July 30, 1971, entered into force with respect to certain parts June 17, 1971, and with respect to remaining parts July 1, 1971; entered into force definitively July 24, 1971]. [1971.] [3]+204 p. [English, French, Russian, and Spanish.] * Paper, $1.00.
L.C. card 70-614482

17131 7146. Investment guaranties, agreement between United States and Iran, supplementing agreement of Sept. 17 and 21, 1957, effected by exchange of notes signed Tehran, Mar. 12, 1970; [entered into force Mar. 12, 1970]. [1971.] [2]+5 p. [English and Arabic.] * Paper, 10c.
L.C. card 70-614703

17132 7155. Agricultural commodities, agreement between United States and Viet-Nam amending agreement of July 8, 1970, as amended, effected by exchange of notes signed Saigon, July 3, 1971; [entered into effect July 3, 1971]. [1971.] [2]+2 p. * Paper, 10c.
L.C. card 79-614447

17133 7157. Agricultural commodities agreement between United States and Viet-Nam signed Saigon, June 28, 1971; [entered into force June 28, 1971.] [1971.] [2]+4 p. * Paper, 10c.
L.C. card 75-614525

17134 Treaties and other international agreements of United States, 1776-1949; v. 7, Denmark-France. [June 1971.] xiii+1330 p. ([Publication 8566.]) * Cloth, $11.00. ● Item 899-A S 9.12/2:7

STATISTICAL REPORTING SERVICE, Agriculture Dept.
Washington, DC 20250

17135 Stocks of hops, Sept. 1, 1971. Sept. 17, 1971. 1 p. 4° (SpCr 2 (9-71); Crop Reporting Board.) † A 92.30:971-2

TARIFF COMMISSION
Washington, DC 20436

17136 Men's dress shoes, French Shriner & Urner Manufacturing Co., Boston, Mass., report to the President, firm investigation TEA-F-28 and worker investigation TEA-W-101, under sec. 301(c)(1) and 301(c)(2) of Trade expansion act of 1962. Sept. 1971. [3]+5+A-1 to A-8+A-18 to A-20 p. 4° (TC publication 421.) † TC 1.2:Sh 7/12

17137 Publications of Tariff Commission [Jan.] 1951-May 1971. Sept. 1971. cover title, 37 p. 4° (TC publication 422.) [Supersedes TC publication 259, Aug. 1968.] †
L.C. card 75-614541 TC 1.34:951-71

17138 Synthetic organic chemicals, United States production and sales of pesticides and related products, 1970, preliminary. Sept. 1971. cover title, [1]+11 p. 4° ‡ TC 1.33/2:P 43/970

TRANSPORTATION DEPARTMENT
Washington, DC 20590

17139 Recommendations for Northeast Corridor transportation, final report, v. 2, main report. May 1971. [308] p. il. 4° (Assistant Secretary for Policy and International Affairs, Office of Systems Analysis and Information, Strategic Planning Division.) † ● Item 982-C-1
L.C. card 614753 TD 1.2:N 81 e/v.2

17140 ——v. 3, appendices. May 1971. [264] p. il. 4° (Assistant Secretary for Policy and International Affairs, Office of Systems Analysis and Information, Strategic Planning Division.) † ● Item 982-C-1
L.C. card 614753 TD 1.2:N 81 e/v.3

448-084 O—71——6

TREASURY DEPARTMENT
Washington, DC 20220

17141 Lockheed story and some comments on the President's new economic program, address by Samuel R. Pierce, jr., General Counsel of the Treasury, before Commonwealth Club of California, San Francisco, Calif., Sept. 24, 1971. 1971. 8 p. 4° (C-174.) † T 1.31 : P 61/2

17142 Opening greetings by John B. Connally, Secretary of Treasury at opening session of 1971 Annual Governors meeting of World Bank Group and International Monetary Fund, Sept. 27, 1971. [1971.] 2 p. 4° (C-177.) † T 1.31 : C 76/5

17143 Revenue sharing is not dead, remarks by Charls E. Walker, Under Secretary of Treasury, before 1971 Public Works Congress and Equipment Show "Revenue sharing and urban crisis" panel discussion, Philadelphia, Pa., Sept. 12, 1971. [1971.] 5 p. 4° (C-165.) † T 1.31 : W 151/16

UNITED STATES POSTAL SERVICE
Washington, DC 20260

[Commemorative stamp posters.]

NOTE.—Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, $1.50 a yr.; 50c. additional for foreign mailing.

17144 8-cent CARE commemorative postage stamp, issue date Oct. 27, 1971, New York, N.Y. 1971. 10.5 x 8 in. P 1.26/2 : C 18

17145 8-cent historic preservation commemorative stamps, issue date Oct. 29, 1971, San Diego, Calif. 1971. 10.5 x 8 in. P 1.26/2 : H 62

17146 Emily Dickinson 8-cent stamp, issue date Aug. 28, 1971, Amherst, Mass. 1971. 10.5 x 8 in. P 1.26/2 : D 56

17147 San Juan commemorative 8-cent stamp, issue date Sept. 12, 1971, San Juan, Puerto Rico. 1971. 10.5 x 8 in. P 1.26/2 : Sa 5j

17148 U.S. space achievement 8-cent commemoratives, issue date, Aug. 2, 1971, Kennedy Space Center, Fla., Houston, Texas, [and] Huntsville, Ala. 1971. 10.5 x 8 in. P 1.26/2 : Sp 1/2

17149 Licensed vendor listing, uniform allowance program. Sept. 1971. [1]+45 p. 4° (U.S.P.S. publication 136.) * Paper, 40c. ● Item 837 P 1.2 : V 55/971

UNITED STATES TRAVEL SERVICE, Commerce Dept.
Washington, DC 20230

17150 Remarks of Assistant Secretary of Commerce for Tourism, C. Langhorne Washburn, to members of Southern Travel Directors Council, Sept. 23, 1971, Panama City Beach, Fla. [1971.] 6 p. 4° † C 47.9 : W 27/18

17151 Remarks of Assistant Secretary of Commerce for Tourism, C. Langhorne Washburn, to State Travel Directors of Old West, Sept. 16, 1971, Denver, Colo. [1971.] 6 p. 4° † C 47.9 : W 27/17

17152 Visit USA outlets abroad. Jan. 1972. cover title, iii+71 p. 4° † ● Item 271-A-2 C 47.12 : V 82

VETERANS ADMINISTRATION
Washington, DC 20420

VA pamphlets. † ● Item 988 VA 1.19 : (nos.)

17153 20-69-3. Summary of educational assistance benefits for veterans with service since Jan. 31, 1965. Revised June 1971. [1971.] 4 p. il. 4°

17154 21-64-1. Educational assistance for dependents of deceased or disabled veterans and servicemen missing in action or forcibly detained. [Revised July 1971.] [1971.] [6] p. il. narrow 12°

WAGE AND HOUR DIVISION, Labor Dept.
Washington, DC 20210

17155 How Fair labor standards act as amended in 1966 operates in our town. Revised [edition]. [1971.] [17] p. il. narrow 8° † ● Item 777 L 36.202 : F 15

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WATER PROGRAMS OFFICE, Environmental Protection Agency
Rockville, MD 20852

NOTE.—The name of the Water Quality Office has been changed to Water Programs Office.

17156 Adventures of Walter Waterdrop [coloring book]; [by] John L. Coakley, jr. 1971. [1]+1+25 p. il. 4° (Office of Water Programs, Region 7, 911 Walnut, Kansas City, Mo.) [Illustrator, Mary Coakley.] †
EP 2.2: W 17

17157 Comparison of 3 modifications of single reagent method for soluble orthophosphate, method selection study 1 [with list of references]; by Analytical Quality Control Laboratory. Apr. 1969. [41] leaves, il. 4° (Division of Water Quality Research, Cincinnati, Ohio.) [Conducted for Committee on Method Validation and Quality Control (COMVAQC).] † Environmental Protection Agency
I 67.2: Or 8

17158 Compendium of Department of Interior statements on non-degradation of interstate waters. Aug. 1968. cover title, [5]+54 p. 4° † Environmental Protection Agency
I 67.2: In 8

17159 Conference in matter of pollution of interstate waters of Long Island Sound and its tributaries, Connecticut [and] New York, proceedings, New
L.C. card 79-614719
Haven, Conn., Apr. 13-14, 1971. † ● Item 473-A-1
v. 1. cover title, 1-400 p. il. 4° EP 2.2: L 85 1/v.1,2
v. 2. cover title, A+401-618 p. il. 4°
L.C. card 79-614719 EP 2.2: L 85 1/v.2

17160 Conference in matter of pollution of Lake Michigan and its tributary basin, in States of Wisconsin, Illinois, Indiana, and Michigan, proceedings, 3d session (reconvened), Chicago, Ill., Mar. 24, 25, 1971. † ● Item 473-A-1
L.C. card 614766 EP 2.2: M 58/v. (nos.)
v. 1. cover title, xxi+266 p. 4°
v. 3. cover title, v+607-988 p. il. 4°
L.C. card 77-614685

17161 Cost of conventional and advanced treatment of wastewaters [with list of references]; by Robert Smith. July 1968. [3]+9+[10] leaves il. 33 pl. 4° (Advanced Waste Treatment Branch, Division of Research, Cincinnati Water Research Laboratory, Cincinnati, Ohio.) † Environmental Protection Agency
I 67.2: W 28/4

17162 Development of comprehensive water pollution control program for Red River of North, Souris and Rainy River basins. Kansas City [1971.] cover title, [2]+12 leaves, 1 pl. 4° † Environmental Protection Agency
I 67.2: R 25/4

17163 Effects of waste water discharges on flavor of fishes in Missouri River (Sioux City, Iowa to Waverly, Mo.) Oct. 1969; [by] Nelson A. Thomas and Delbert B. Hicks. 1970. [27] leaves, 4° [Prepared by Water Sciences Section, National Field Investigations Center, Cincinnati, Ohio.] † Environmental Protection Agency
L.C. card 70-614490 I 67.2: F 53/969

17164 Effects of waste waters on periphyton growths in Missouri River [with one reference; by] Loys P. Parrish, [and] Allen M. Lucas. 1970. [1]+12 +[1] leaves, 7 pl. 4° (National Field Investigations Center, Cincinnati, Ohio.) † Environmental Protection Agency I 67.2: P 41/2

17165 Environmental impact statement guidelines for agencies submitting statements to E.P.A. for review, [preliminary]. June 1971. cover title, [169] p. il. 4° [Region 10, Portland, Oreg.] † EP 2.8: En 8

17166 James River-Wilson Creek study, Springfield, Mo., v. 1 [with bibliography]. Ada, Okla., June 1969. [81] p. il. 4° (Robert S. Kerr Water Research Center, Technical Services Program.) † Environmental Protection Agency I 67.2: J 23/v.1

17167 Missouri-Souris-Red River basins, program review document, comprehensive water pollution control project. Jan. 1966. [4]+89 leaves, il. 4° (Region 6, Kansas City, Mo.) † Environmental Protection Agency
FS 16.2: M 69o/2

17168 Missouri-Souris-Red River basins, study plan for comprehensive water pollution control project [fiscal year 1966.] Region 6, Kansas City, Mo., Jan. 1966. [Revised Jan. 1966.] [1966.] [83] leaves, il. 4° † Environmental Protection Agency FS 16.2 : M 69 o

17169 Oil and hazardous materials research newsletter, v. 3. Dec. 1970. cover title, 21 p. 4° (Edison Water Quality Laboratory.) [Insert, p. 97–99, 2 pl. issued also.] † EP 2.2 : Oi 5/v.3

17170 Oil spill containment systems; by Oil & Hazardous Materials Research Section, Edison Water Quality Laboratory, Edison, N.J. Oct. 1970. [7] +v+162 p. il. 4° †
L.C. card 71–614461 I 67.2 : Oi 5

17171 Radioactivity levels in environs of Rocky Flats plutonium plant, Golden, Colo., 1970. Cincinnati, Ohio, Apr. 1971. cover title, [59] p. il. 4° (Division of Technical Support, Radiological Activities Section.) † EP 2.2 : R 59/970

17172 Study in tidal dispersion in Potomac River [with bibliography; by L. J. Hetling and R. L. O'Connell]. [1966.] cover title, [2]+29 leaves, 16 pl. 4° (CB–SRBP Technical paper 7; region 3.) † Environmental Protection Agency.
L.C. card 78–614460 FS 16.2 : P 84

17173 United States Department of Interior budget justifications, fy 1971. [1970.] [2]+123 leaves, il. 4° (Water Quality and Research.) [Issued in loose-leaf form, with marginal index tabs on blank cardboard showing titles.] † Environmental Protection Agency I 67.2 : B 85/971

17174 Vessel pollution control research newsletter, v. 1. Dec. 1970. cover title, 12 leaves, 4° (Edison Water Quality Laboratory.) † EP 2.2 : V 63/v.1

Water pollution control research series. ● Item 473–A–1

17175 11024 FJE 07/71. Selected urban storm water runoff abstracts, July 1970–June 1971; by Science Information Services Department, Franklin Institute Research Laboratories. July 1971. vii +173+[1] p. 4° [Contract 14–12–904.] * Paper, $1.50 (S/N 5501–0132). EP 2.10 : 11024 FJE 07/71

17176 12090 ESG 01/71. Zinc precipitation and recovery from viscose rayon waste water [with list of references; by David M. Rock and Grady Allman]. Jan. 1971. viii+86+[1] p. il. 4° [Prepared by American Enka Company, Central Engineering Department, Enka, N.C.] * Paper, $1.00
L.C. card 73–614684 EP 2.10 : 12090 ESG 01/71

17177 12130 EGK 06/71. Biological treatment of chlorophenolic wastes, demonstration of facility for biological treatment of complex chlorophenolic waste; [by Albert E. Sidwell, City of Jacksonville, Ark. June 1971. viii+177+[1] p. il. 4° [Formerly 11060 EGK.] * Paper, $1.50
L.C. card 614782 EP 2.10 : 12130 EGK 06/71

17178 12130 EZR 05/71. Combined treatment of domestic and industrial wastes by activated sludge [with list of references]; by City of Dallas, Oreg. May 1971. ix+125+[1] p. il. 4° [Grant 11060 EZR.] * Paper, $1.25
L.C. card 70–614683 EP 2.10 : 12130 EZR 05/71

17179 13020 - - - 07/71. Agricultural pollution of Great Lakes Basin [with list of references cited]; combined report by Canada and United States. July 1, 1971. [2]+iii+94 p. il. 4° * Paper, $1.50 (S/N 5501–0134).
L.C. card 72–614551 EP 2.10 : 13020 - - - 07/71

17180 13030 ELY 4/71–7. Removal of nitrate by algal system, bio-engineering aspects of agricultural drainage, San Joaquin Valley, Calif. [with list of references]; prepared by California Department of Water Resources. Apr. 1971. [2]+xii+132+[1] p. il. 4° ([REC–R2–71–7, DWR 174–10.]) [DWR–USBR contract 14–06–200–3389A.] * Paper, $1.25.
L.C. card 79–614727 EP 2.10 : 13030 ELY 4/71–7

17181 14010 FYY 09/71. Study of sulfur recovery from coal refuse [with list of references]; by Black, Sivalls and Bryson, Inc., Applied Technology, Pittsburgh, Pa. Sept. 1971. viii+67+[1] p. il. 4° [Contract 14–12–929.] * Paper, 70c. (S/N 5501–0137).
L.C. card 74–614687 EP 2.10 : 14010 FYY 09/71

17182 15080 DBO 03/71. Conversion of crankcase waste oil into useful products; by National Oil Recovery Corporation, Bayonne, N.J. Mar. 1971. vii+87+[1] p. il. 4° * Paper, $1.00.
L.C. card 74–614707 EP 2.10 : 15080 DBO 03/71

*For Sale by Superintendent of Documents
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17183 15080 FTU 05/71. Oil pollution incident platform Charlie, Main Pass Block 41 Field, La. [with lists of references]; by Alpine Geophysical Associates, Inc. Norwood, N.J. May 1971. viii +134+[1] p. il. 4° [Contract 14-12-860.] * Paper, $1.25 (S/N 5501-0130).
L.C. card 79-614518 EP 2.10 : 15080 FTU 05/71

17184 15080 FWN 07/71. Recovery of floating oil rotating disk type skimmer [with list of references]; by Atlantic Research Systems Division, Marine Systems, Division of Susquehanna Corporation, Costa Mesa, Calif. July 1971. viii+134+[1] p. il. 4° [Contract 14-12-883.] * Paper, $1.25.
L.C. card 70-614706 EP 2.10 : 15080 FWN 07/71

17185 16080 DFO 01/71. Water quality control through flow augmentation [with list of references; by David B. Baker and Jack W. Kramer]. Jan. 1971. xi+156+[1] p. il. 4° [Prepared by Biology Department, Heidelberg College, Tiffin, Ohio.] * Paper, $1.50 (S/N 5501-0133).
L.C. card 71-614516 EP 2.10 : 16080 DFO 01/71

17186 16080 (328203). Projects of national water quality control research program. Aug. 1971. [2] leaves+35 p. 4° (Office of Research and Monitoring.) †
L.C. card 73-614676 EP 2.10 : 16080(328203)

17187 16110 DAJ 12/70. Benefits of water quality enhancement [with lists of references by Nelson E. Nemerow]. Dec. 1970. viii+201+[1] p. il. 4° [Prepared by Department of Civil Engineering, Syracuse University, Syracuse, N.Y.] * Paper, $1.75 (S/N 5501-0139).
L.C. card 70-614485 EP 2.10 : 16110 DAJ 12/70

17188 16130 DHS 01/71. Survey of alternate methods for cooling condenser discharge water system, selection, design, and optimization [with list of references; by N. Smith and John S. Maulbetsch]. Jan. 1971. iii+108+[1] p. il. 4° [Prepared by Dynatech R/D Company, Division of Dynatech Corporation, Cambridge, Mass.; contract 12-14-477.] * Paper, $1.00 (S/N 5501-0142).
L.C. card 74-614514 EP 2.10 : 16130 DHS 01/71

17189 16130 DHS 08/70. Survey of alternate methods for cooling condenser discharge water, operating characteristics and design criteria [with bibliography]; by Dynatech R/D Company, Division of Dynatech Corporation, Cambridge, Mass. Aug. 1970. iv +94+[1] p. il. 4° * Paper, $1.00 (S/N 5501-0128).
L.C. card 74-614514 EP 2.10 : 16130 DHS 08/70

17190 16130 DPU 02/71. Research on physical aspects of thermal pollution [with list of references]; by Cornell Aeronautical Laboratory, Inc., Buffalo, N.Y. Feb. 1971. xv+188+[1] p. il. 4° [Project 16130 DPU, contract 14-12-526.] * Paper, $1.75 (S/N 5501-0143).
L.C. card 76-614481 EP 2.10 : 16130 DPU 02/71

17191 16130 FDQ 03/71. Effect of geographical location on cooling pond requirements and performance [with list of references; by E. L. Thackston]. Mar. 1971. xviii+234+[1] p. il. 4° [Vanderbilt University, Department of Environmental and Water Resources Engineering, Nashville, Tenn.] * Paper, $2.00 (S/N 5501-0138).
L.C. card 75-614517 EP 2.10 : 16130 FDQ 03/71

17192 17010 EED 07/70. Electro-oxidation of ammonia in sewage to nitrogen [with list of references]; by Ionics, Incorporated, Watertown, Mass. July 1970. iv+47+[1] p. il. 4° [Contract 14-12-800.] * Paper, 55c.
L.C. card 70-614694 EP 2.10 : 17010 EED 07/70

17193 17010 EEX 10/70. Development of chemical denitrification process [with list of references]; by Rocketdyne Research, North American Rockwell Corporation, Canoga Park, Calif. Oct. 1970. vi +63+[1] p. il. 4° [Contract 14-12-546.] * Paper, 65c. (S/N 5501-0135).
L.C. card 70-614686 EP 2.10 : 17010 EEX 10/70

17194 17010 FSJ 01/71. Nitrate removal from wastewaters by ion exchange [with list of references]; by Dow Chemical Company, Walnut Creek, Calif. Jan. 1971. viii+99+[1] p. il. 4° [Project 17010 FSJ; contract 14-12-808.] * Paper, $1.00
L.C. card 70-614722 EP 2.10 : 17010 FSJ 01/71

17195 17090 DOY 12/70. Feasibility of computer control of wastewater treatment [with list of references]; by American Public Works Association, Chicago, Ill. Dec. 1970. xi+77+[1] p. il. 4° [Contract 14-12-580.] * Paper, $1.00 (S/N 5501-0145).
L.C. card 77-614512 EP 2.10 : 17090 DOY 12/70

17196 Water quality and time of travel investigation in lower Kansas River basin [by J. Lee Mayes, Gerald A. Stoltenberg, and Howard A. Stoltenberg]. cover title, [1]+132+[4] leaves, il. 4° (Missouri Basin Region.) [Performed under contract WA 66-3 by Kansas State Department of Health, Environmental Health Services.] † Environmental Protection Agency.
I 67.2 : K 13

17197 Water quality control study, Big Sioux River basin, Iowa, Minnesota, and South Dakota [study of needs and value of storage for water quality control, with bibliography]. Sept. 1969. [35] p. il. 4° (Missouri Basin region.) [Errata, 1 p., issued also.] † Environmental Protection Agency
I 67.2 : B 48s

17198 Water quality control study, Little Sioux River basin, Iowa, study of needs and value of storage for water quality control [with bibliography] Kansas City, Mo., [June 1967.] cover title, [39] leaves, 11 pl. 4° [Prepared for Army Dept. Army Engineer District, Omaha, Nebr.] † Environmental Protection Agency
I 67.2 : L 72s

17199 Water quality control study, lower Musselshell Project, Mont., study of potential needs & value of water for purpose of water quality control of lower Musselshell Project, Mont. [with bibliography]. Feb. 1966. [34] leaves, map, 4° (Region 8, Denver, Colo.) [Prepared at request of and in cooperation with Bureau of Reclamation, Region 6, Department of Interior, Billings, Mont.] † Environmental Protection Agency.
FS 16.2 : L 95m

17200 Water quality control study, lower Musselshell unit, Mont., study of potential needs & value of water for purpose of water quality control of lower Musselshell unit, Mont. [with bibliography]. Kansas City, Mo., Sept. 1966. cover title, [31] leaves il. 4° [Prepared in cooperation with Reclamation Bureau, Region 6, Billings, Mont.] † Environmental Protection Agency
I 67.2 : M 97

17201 Water quality control study, lower Shoshone River basin, Wyo. Kansas City, Mo., Feb. 1968. [38] leaves, il. 4° [Prepared in cooperation with Reclamation Bureau, Region 6, Billings, Mont.] † Environmental Protection Agency
I 67.2 : Sh 7

17202 Water quality control study, Nishnabotna River basin, Iowa and Mo., study of needs and value of storage for water quality control [with bibliography]. Kansas City, Mo., Nov. 1967. cover title, [35] leaves, il. 4° [Prepared for Army Engineering District, Omaha, Nebr.] † Environmental Protection Agency
I 67.2 : N 63/2

17203 Water quality control study, Sun-Teton unit, Mont., study of potential needs & value of water for purpose of water quality control of Sun-Teton unit, Mont. [with bibliography]. Kansas City, Mo., July 1966. cover title, [43] leaves, il. 4° [Prepared at request of and in cooperation with Reclamation Bureau, Region 6, Billings, Mont.] † Environmental Protection Agency
I 67.2 : Su 7/2

17204 Water supply and water quality control study, Little Blue River basin, Mo., study of needs and value of storage for municipal and industrial water supply and water quality control [with bibliography]. Mar. 1966. cover title, [35] leaves, 2 pl. 4° (Region 6, Kansas City, Mo.) [Prepared for Department of Army, U.S. Army Engineer District, Kansas City, Mo.] †
FS 16.2 : L 95 b

17205 Water supply and water quality control study, Papillion Creek basin, Nebr., study of needs and value of storage for municipal and industrial water supply and water quality control [with bibliography]. Kansas City, Mo., Oct. 1966. cover title, [32] leaves, il. 4° [Prepared for Army Engineer District, Omaha, Nebr.] † Environmental Protection Agency
I 67.2 : P 19

17206 Water supply and water quality control study, Skunk River basin, Iowa, study of needs and value of storage for municipal and industrial water supply and water quality control [with bibliography]. [Kansas City, Mo., Aug. 1966.] cover title, [73] leaves, il. 4° [Prepared for Army Engineer District, Rock Island, Ill.] † Environmental Protection Agency
I 67.2 : Sk 7

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17207 Water supply and water quality control study, Wapsipinicon River basin, Iowa, study of needs and value of storage for municipal and industrial water supply and water quality control [with bibliography]. Kansas City, Mo., June 1966. cover title, [42] leaves, il. 4° [Prepared for Army Engineer District, Rock Island, Ill.] † Environmental Protection Agency I 67.2 : W 19

WHITE HOUSE CONFERENCE ON AGING

17208 Income [with bibliography]: Background, [by] Yung-Ping Chen; Issues [by] Technical Committee on Income. Mar. 1971. [9]+104 p. il. 4° * Paper, $1.25 (S/N 5247-0022). ● Item 1088 Y 3.W 58/4 : 2 In 2/2

WHITE HOUSE CONFERENCE ON CHILDREN

17209 Profiles of children, 1970, White House Conference on Children, erratum sheet. 1 p. il. narrow large 8° † ● Item 1088
Y 3.W 58/3-2 : 2 P 94/erratum

WOMEN'S BUREAU, Labor Dept.
Washington, DC 20210

17210 American women at the crossroads, directions for the future, report of 50th anniversary conference, June 11-13, 1970, Washington, D.C. [1971.] 126 p. il. oblong 12° † ● Item 782
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17211 Labor laws affecting women, capsule summary; North Carolina. [Aug. 1971.] 8 p. 4° ([WB 72-28.]) † L 36.111 : N 81 c

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17212 54. Changing patterns of women's lives. Revised 1971. 1971. 6 p. il. narrow 8° * Paper, 10c. (S/N 2902-0048). ● Item 783 L 36.110 : 54

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